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DEC 9 2003

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DOE-0088-04

Mr. Michael Savage, Assistant Chief
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Lazarus Government Center
1800 Watermark Drive
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Dear Mr. Pardi and Mr. Savage:

**FERNALD CLOSURE PROJECT FISCAL YEAR 2003 SITE TREATMENT PLAN ANNUAL
UPDATE**

Reference: Letter and Director's Findings and Orders (DF&O), T. E. Crepeau, OEPA to
P. Hamric, U.S. DOE, dated October 4, 1995

Enclosed is the Fernald Closure Project's (FCP) Fiscal Year (FY) 2003 Site Treatment Plan (STP) Annual Update. The submittal of this report is required by Section V.C. of the referenced Director's Findings and Orders DF&O and provides an update of the FCP's progress in treating its mixed waste inventory during FY 2003.

The FCP is also proposing, with the submittal of this update, to establish new milestones for Phase II of the Toxic Substance Control Act (TSCA) Incinerator Preferred Option (Section 3.1.7.1 of the STP) and for treatment of the Uranium Waste Disposition (UWD) Materials and T-Hopper Wastes (Section 3.1.10). The latter milestone is submitted in accordance with the December 31, 2003 STP milestone for providing a schedule for the treatment of these wastes. In addition, minor changes have been made to the STP to identify additional fixed milestones that were completed during FY 2003 (Sections 3.1.7.1 (TSCA Incinerator, Phase II), 3.1.10 (UWD Materials and T-Hopper Wastes), and 3.1.11 (Thorium Legacy Mixed Waste Stabilization Project)), to update information in

DEC 29 2003

DOE-0088-04

Mr. Paul Pardi
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-2-

Section 3.1.7 (TSCA Incinerator), and to change the name of the facility to FCP. The submittal of these amendments also serves as a notification and is being provided in accordance with Section V.D. of the DF&O.

The proposed changes to the STP affect Pages 1, 2, 6, 7, 11, 12, 14 and 15 of the approved STP. Replacement pages for these proposed amendments are provided with this update as Appendix A. The proposed text changes are identified with redlines or strikeouts for easy identification.

If you have any questions, please contact Ed Skintik at (513) 648-3151.

Sincerely,


William J. Taylor
Project Manager

FCP:Skintik

Enclosure: As Stated

cc w/enclosure:

AR Coordinator, Fluor Fernald, Inc./MS78

cc w/o enclosure:

K. Johnson, OH/FCP

M. Kopp, Fluor Fernald, Inc./MS15

T. Poff, Fluor Fernald, Inc./MS65-2

T. Walsh, Fluor Fernald, Inc./MS52-3

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FY2003 FERNALD CLOSURE PROJECT SITE TREATMENT PLAN ANNUAL UPDATE**1.0 INTRODUCTION**

Section 3021(b) of the Resource Conservation and Recovery Act (RCRA), as amended by the Federal Facility Compliance Act (FFCAct), required the U. S. Department of Energy (DOE) to prepare Site Treatment Plans (STP) describing the development of treatment capacities and technologies for treating mixed waste. Mixed waste is defined by the FFCAct as waste containing both a hazardous waste subject to RCRA, and a source, special nuclear, or by-product material subject to the Atomic Energy Act (AEA) of 1954 (42 U.S.C. 2011 *et seq.*). The Fernald Closure Project (FCP) submitted a Proposed Site Treatment Plan (PSTP) to Ohio Environmental Protection Agency (Ohio EPA) in April 1995 describing plans and schedules for treating its inventory of mixed waste. The Director's Final Findings and Orders (DF&O) implementing the requirements of the FCP's STP was issued to DOE by Ohio EPA on October 4, 1995.

Section V.C. of the DF&O requires the issuance, by December 31st, of the STP Annual Update. The Update describes the site's progress in treating its mixed waste inventory for the previous fiscal year and includes an updated STP which incorporates all approved amendments to the STP made during the previous fiscal year. This STP Annual Update summarizes the status of the FCP's efforts to treat its inventory of mixed waste for FY2003. As a result, only projects that are currently active for treating mixed waste are discussed in this report.

1.1 Proposed Changes to STP

The FCP is proposing, with the submittal of this Update, to establish new milestones for Phase II of the TSCA Incinerator Preferred Option (Section 3.1.7.1 of the STP) and for treatment of the Uranium Waste Disposition (UWD) Materials and T-Hopper Wastes (Section 3.1.10). The latter milestone is provided in accordance with the December 31, 2003 STP milestone to submit a schedule for the treatment of these wastes. In addition, minor changes have been made to the STP to identify additional fixed milestones that were completed during FY2003 (Sections 3.1.7.1 (TSCA Incinerator, Phase II), 3.1.10 (UWD Materials and T-Hopper Wastes), and 3.1.11 (Thorium Legacy Mixed Waste Stabilization Project)), to update information in Section 3.1.7 (TSCA Incinerator), and to change the name of the facility to FCP. The submittal of these amendments also serves as a notification and is being provided in accordance with Section V.D. of the DF&O.

The proposed changes to the STP affect pages 1, 2, 6, 7, 11, 12, 14 and 15 of the approved STP. Replacement pages for these proposed amendments are provided with this Update as Appendix A. The proposed text changes are identified with redlines or strikeouts for easy identification. Additional information regarding these proposed changes for each STP Preferred Option/Project is provided in Section 3.0.

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2.0 REQUIREMENTS

Under Section V.C of the DF&O, the STP Annual Update is required to address specific items relevant to the facility's progress in treating its inventory of mixed waste for the fiscal year. These items and their status for FY2003 are discussed below:

- *An accounting of the status of the projects described in the approved STP:*

Each project described in the approved STP had a corresponding Preferred Option. Table 2-1 provides summary information on the quantities of waste treated/shipped during FY2003 and the inventory assigned to each project as of September 30, 2003. A description of activities completed by each project in FY2003 is provided in Section 3.0.

Table 2-1
STATUS OF FCP PROJECTS/PREFERRED TREATMENT OPTIONS FOR FY2003

PROJECT/PREFERRED TREATMENT OPTION	QUANTITY IN STORAGE (KG)	QUANTITY TREATED/SHIPPED IN FY2003 (KG)
Wastewater Treatment	2,441	250
TSCA Incinerator	26,362	53,456
Organic Treatment Project	94,901	54,683 ¹
Inorganic Treatment Project	6,432	52,875
Uranium Waste Disposition (UWD) Materials and T-Hopper Waste	13,885	0
Thorium Legacy Mixed Waste Stabilization Project	36	25,034

¹Note: In addition, 27,555 kg of inventory assigned to the Organic Treatment Project in the FY2002 Update was shipped to Envirocare for direct disposal after it was confirmed that the waste met LDR treatment standards.

- *A statement regarding compliance with the milestones contained in the approved STP:*

There were six milestones established for FY2003 in the approved STP. One milestone was associated with Phase II of the Wastewater Treatment Preferred Option (Section 3.1.4.1 of the STP). This milestone established a schedule for completing treatment of the inventory of mixed waste assigned to this project in the FY2002 STP Annual Update. This milestone has been completed.

One milestone was associated with the UWD and T-Hopper Materials (Section 3.1.10) and required entering into a contract for the treatment of these wastes. The FCP met this milestone by utilizing the existing contract with WCS for treatment of a portion of these wastes.

The third milestone required the FCP to initiate packaging and processing of thorium mixed waste as part of the Thorium Legacy Mixed Waste Stabilization Project (Section 3.1.11). This milestone was completed.

Two milestones addressed the completion of shipment of Batches 12 and 13 to the TSCA Incinerator as part of Phase II of the TSCA Incinerator Preferred Option (Section 3.1.7.1 of the STP). These shipments were completed in accordance with the STP milestones.

The sixth milestone required the completion of shipment of wastes assigned to the Inorganic Treatment Project in the FY2002 STP Annual Update by September 30, 2003. The FCP completed shipments of 48,310 kg of these wastes by this date. The remaining wastes were re-assigned to another STP Project since it was determined, based upon a review of MEF information, visuals or field screening, that the waste could not be treated through the Inorganic Treatment Project. An additional 4,565 kg of mixed waste that was not originally assigned to this inventory was also shipped off-site for treatment through this project.

One container of Ni/Cd batteries was also included in the FY2002 STP inventory for the Inorganic Treatment Project. As discussed in the FY2002 STP Update, these batteries were originally identified as part of the Inorganic Treatment Project inventory scheduled to be shipped by September 20, 2002. However, shipment of these batteries was delayed pending action by the USEPA in response to the DOE's petition for a national LDR treatability variance for these wastes. On October 7, 2002, EPA published a direct final rule that became effective on November 21, 2002. This rule granted a national LDR treatability variance for certain types of radioactively contaminated batteries to allow for treatment by macroencapsulation. Shipment of the container of Ni/Cd batteries was re-scheduled for completion by September 30, 2003 under the new schedule established for the Inorganic Treatment Project in the FY2002 STP Update. Shipment of this container was completed in accordance with this milestone.

- *A description of any projected difficulties in achieving compliance with future milestones and target dates.*

No difficulties are currently anticipated in achieving compliance with future milestones and target dates.

- *Updated Tables 1-8 of Section 3 of the Background Volume of DOE's amended PSTP.*

The FCP's mixed waste streams were organized by Preferred Option in the Background Volume of the PSTP. Each Preferred Option was followed by a

table which listed the waste streams that could be treated to LDR treatment standards using the technology(ies) specified by the Preferred Option. Updated tables reflecting the current status of inventory assigned to each Preferred Option are provided in Appendices B through G. Note that only active projects are included in this report.

The tables in the PSTP also included five-year estimates of projected mixed waste generation. These waste streams come from two primary sources - routinely generated mixed waste streams managed in Satellite Accumulation Areas (SAAs) and mixed wastes generated from CERCLA remedial activities. Since closure of the FCP will be achieved in 2006, quantities of mixed waste projected to be generated are provided as three-year estimates. Information on specific types and quantities of mixed waste projected to be generated during the time period from FY2004 through 2006 is provided in Section 4.0.

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- *An index or chart that clearly indicates all pages of the approved STP affected by approved amendments of the approved STP.*

Table 2-2
FY2003 STP Amendments And Affected Pages Of The Approved STP

AMENDMENT	AFFECTED PAGES
On December 30, 2002, the FCP submitted the following changes to the STP:	
1) One new milestone for treating aqueous mixed waste was proposed as part of Phase II of the Wastewater Treatment Preferred Option (Section 3.1.3.1)	7
2) A new milestone for completing shipment of Batch13 was provided for Phase II of the TSCA Incinerator Preferred Option (Section 3.17.1)	12
3) One milestone for completing shipment of mixed wastes under the Inorganic Treatment Project was added (Section 3.1.8).	13
4) Minor changes were made to three STP Project descriptions to include decanting and processing of liquids as an additional step which is performed on-site prior to off-site shipment (Sections 3.1.8 - Organic Treatment Project, 3.1.9 - Inorganic Treatment Project and 3.1.11- Thorium Legacy Mixed Waste Stabilization Project).	13, 14
5) Section 3.1.10 was revised to allow for the treatment of additional high Uranium content wastes through the UWD Project and to update information on the T-Hopper Wastes.	14

AMENDMENT	AFFECTED PAGES
6) The status of several STP Projects was updated to identify additional milestones that had been completed (Sections 3.4.1 – Wastewater Treatment, Phase II, 3.7.1 – TSCA Incinerator, Phase II, and 3.1.9 – Inorganic Treatment Project).	7, 12, 13

- *A summary of new waste streams generated or identified within the previous fiscal year.*

A total of 8,178 kg of mixed waste was generated or newly identified in FY2003. Existing or proposed Preferred Options have the required capacity to treat these waste streams. Table 2-3 provides summary information on the quantities of newly generated/newly identified mixed wastes assigned to each Preferred Option. Detailed information on this inventory is provided in Appendix H.

Table 2-3
QUANTITIES OF MIXED WASTE GENERATED/IDENTIFIED DURING FY2003 ASSIGNED TO EACH PROJECT/PREFERRED TREATMENT OPTION

PROJECT/PREFERRED TREATMENT OPTION	QUANTITY OF MIXED WASTE GENERATED/IDENTIFIED DURING FY2003 ASSIGNED TO EACH PREFERRED OPTION (KG)
Wastewater Treatment	404
TSCA Incinerator	544
Organic Treatment Project	5,601
Inorganic Treatment Project	1,396
Uranium Waste Disposition (UWD) Materials and T-Hopper Waste	233
Thorium Legacy Mixed Waste Stabilization Project	0
TOTAL QUANTITY	8,178

- *A summary of any additional waste characterization information regarding existing new, or projected waste streams.*

All newly identified/generated mixed waste streams included in this update have been sufficiently characterized to assign to a mixed waste Project/Preferred Option. Characterization of these wastes has been conducted in accordance with the processes described in Section 2.4 of the PSTP. If required, sampling and analysis will be performed prior to treatment. The sampling and analysis will provide information on additional parameters required to assure proper treatment.

- *An updated STP that incorporates all approved amendments of the approved STP made during the previous fiscal year.*

A current copy of the FCP's approved STP is provided as Appendix I.

3.0 STATUS OF FCP PROJECTS/PREFERRED OPTIONS

The following sections provide information on the FY2003 status of each Project/Preferred Option identified in the STP. Only projects that are currently active are included in this summary.

3.1 Wastewater Treatment

The Wastewater Treatment Preferred Option is discussed in Section 3.1.4 of the STP. This Preferred Option is being implemented as part of the Liquid Mixed Waste Project which also includes treatment of organic liquids under the TSCA Incinerator Preferred Option (Section 3.1.7 of the STP).

The Wastewater Treatment Preferred Option has been split into two phases. Phase I involved treatment of the initial inventory of mixed waste identified in the FCP's 1995 Site Treatment Plan. The milestones associated with this phase of the project have been completed.

Currently treatment is being conducted under Phase II of this Preferred Option. Treatment of these waste streams occurs on-site through the Advanced Waste Water Treatment System (AWWT). The AWWT utilizes precipitation/filtration to treat metal constituents while organic constituents are treated by an activated carbon adsorption unit operation as part of AWWT Phase 2. Discharges from the AWWT are regulated under the site's National Pollution Discharge Elimination System (NPDES) permit.

In FY2003, one new milestone was established to address the treatment of 2,742.6 kg of aqueous mixed waste identified in Appendix B of the FY2002 STP Annual Update by June 30, 2003. Treatment of 250.1 kg of these wastes was completed on March 9, 2003 in accordance with this milestone. The remaining waste was transferred to the Inorganic Treatment Project Preferred Option based on results from visual inspection or analyses that indicated that the waste could not be treated through AWWT.

A total of 2,441 kg of mixed waste is currently assigned to the Wastewater Treatment Preferred Option. Treatment of these wastes will be completed by June 30, 2004 in accordance with the milestone established in the STP. Appendix B provides information on the inventory assigned to this Preferred Option.

3.2 TSCA Incinerator

The TSCA Incinerator Preferred Option (Section 3.1.7 of the STP), along with the Wastewater Treatment Preferred Option, is being implemented as part of the Liquid Mixed Waste Project. Treatment of these waste streams occurs at the East Tennessee Technology Park (ETTP) in Oak Ridge, Tennessee. Containers of mixed organic liquid wastes are bulked on-site into batches prior to shipment to the TSCA Incinerator. Since the issuance of the STP, the TSCA Incinerator Preferred Option has been split into two phases. Phase I involved treatment of the initial inventory of mixed waste identified in the FCP's 1995 Site Treatment Plan. The milestones associated with this phase of the project have been completed.

In FY2001 and FY2002, new milestones were established to address the shipment of Batches 12 and 13 as part of Phase II of this Preferred Option. The STP established milestones for completing shipments of Batch 12 to the TSCA Incinerator by October 31, 2002 and Batch 13 to the TSCA Incinerator by September 30, 2003. In FY2003, the last of five shipments of Batch 12, totaling 9,988 kg of waste, was shipped to the TSCA Incinerator on October 3, 2002. Shipment of Batch 13 to the TSCA Incinerator (total quantity of 43,468 kg) was completed on September 10, 2003.

The FCP is proposing a milestone of September 30, 2004 for completing shipment of Batch 14 to the TSCA Incinerator or a commercial mixed waste incineration facility with the submittal of this Annual Update. This date is based on present TSCA Incinerator Burn Plan Batch 14 projections.

A total of 26,362 kg of mixed waste is currently assigned to the TSCA Incinerator Preferred Option. Appendix C provides information on the inventory assigned to this Preferred Option.

3.3 Organic Treatment Project

The Organic Treatment Project (Section 3.1.8 of the STP) involves the off-site shipment of mixed wastes containing primarily organic constituents and debris for treatment to Materials and Energy Corporation (M&EC) in Oak Ridge, Tennessee under the DOE Complex-Wide Broad Spectrum Contract. Additionally, this project has the option to ship waste off-site to Envirocare in Clive, Utah for treatment under the Vacuum Assisted Thermal Desorption Technology and Waste Treatment contract. Full-scale operation of the Vacuum Assisted Thermal Desorption Technology unit at Envirocare began in 2003.

In FY2003, the FCP shipped 54,683 kg of mixed waste assigned to this project to Envirocare for treatment by vacuum thermal desorption. A total quantity of 94,901 kg of mixed waste assigned to this project is remaining to be shipped off-site for treatment. Additional information regarding this inventory is provided in Appendix D.

3.4 Inorganic Treatment Project

The Inorganic Treatment Project (Section 3.1.9 of the STP) involves the off-site shipment of mixed wastes containing primarily inorganic constituents and debris for treatment by a commercial facility. The FCP has divided these wastes into three groupings. They are Mercury, Macroencapsulation/Decontamination Wastes, and Soils, Sludge, and Debris.

During FY2003, the FCP shipped 38 kg of mercury waste to Materials and Energy Corporation (M&EC) in Oak Ridge, Tennessee for treatment by amalgamation, a total of 38,761 kg of soil, sludge and debris waste to Waste Control Specialists (WCS) in Andrews, Texas for treatment by stabilization (28,892 kg) and to Envirocare for treatment by stabilization, microencapsulation or vacuum thermal desorption (9,869 kg) and 14,076 kg of elemental lead and batteries to Envirocare for treatment by macroencapsulation. Shipment of these wastes was completed by September 30, 2003 in accordance with the milestone established in the STP.

A total of 6,432 kg of mixed waste is currently assigned to the Inorganic Treatment Project. Appendix E provides additional information regarding this inventory.

3.5 Envirocare

The FCP and DOE have contracts in place for the disposal of mixed waste at Envirocare in Clive, Utah. The Envirocare Preferred Option is being implemented through the Non-LDR Treatment Standard Concentration (TSC) Disposal Project. These waste streams currently have variances to LDR treatment standards or the concentration of constituents is below the specified treatment standard. This project consists of bulking and packaging for the purpose of shipment and disposal. Free liquids are decanted from the containers prior to shipment and transferred to the Liquid Mixed Waste Project.

In FY2003, 38,207 kg of mixed wastes was shipped off-site for direct disposal to Envirocare.

3.6 Uranium Waste Disposition (UWD) Materials Project and T-Hopper Waste

Uranium Waste Disposition Materials (Section 3.1.10 of the STP) refers to a population of uranium materials that were declared waste in December 1998 and March 2002. A portion of these waste materials has been characterized as mixed waste. This project also includes approximately 270 kg of mixed

waste containing transuranic constituents at greater than 100 nCi/g and 170 kg of mixed low level waste formerly stored in T-Hopper containers and additional mixed waste streams with a high uranium content.

The FCP is proposing, with the submittal of this Update, to complete off-site shipment of these wastes for treatment by September 30, 2005. It is possible that the characterization of a portion of these wastes as hazardous may have been the result of uranium interference (i.e. spectral interference from high uranium content can result in the reporting of elevated levels of metals in TCLP extracts). A portion of this inventory is planned to be resampled in FY2004 to rule out this possibility. Stabilization options for the remaining UWD inventory are currently being pursued. The mixed wastes which were formerly stored in T-Hopper containers are planned for shipment to WCS for treatment by stabilization in FY2004. Any remaining inventory, due to its high uranium content, may require special packaging to comply with DOT requirements if shipped above a certain quantity. As an alternative, the FCP may be required to ship smaller quantities of this wastes utilizing existing, approved packaging. The high uranium content may also pose issues for the receiving facility, requiring the FCP to ship these wastes in small quantities to remain within the limits specified in the facility's radiological permits and licenses.

A total of 13,885 kg of mixed waste is currently assigned to the UWD Materials Project. Appendix F provides additional information regarding this inventory.

3.7 Thorium Legacy Mixed Waste Stabilization Project

The Thorium Legacy Mixed Waste Stabilization Project (Section 3.1.11 of the STP) involves treatment of the thorium legacy mixed waste inventory. This project had one milestone scheduled for completion in FY2003. This was a June 30, 2003 milestone for initiating preparation of waste for transport and this milestone was completed.

In FY2003, a total quantity of 25,034 kg of mixed waste assigned to this project was shipped off-site for treatment. 4,525 kg of these wastes were shipped to Envirocare for treatment by vacuum thermal desorption and 20,509 kg were shipped to WCS for treatment by stabilization.

A total of 36 kg of mixed waste is currently assigned to the Thorium Legacy Mixed Waste Stabilization Project. Appendix G provides additional information regarding this inventory.

4.0 FUTURE MIXED WASTE GENERATION

Tables 1 through 8 of the PSTP included five-year estimates of projected quantities of mixed waste generation through FY2006. These estimates come from two primary sources - routinely generated mixed waste streams managed in Satellite Accumulation Areas (SAAs) and wastes generated from CERCLA remedial actions.

Since closure of the FCP will be achieved in 2006, quantities of mixed waste projected to be generated are provided as three-year estimates.

4.1 Routinely-Generated Mixed Waste Streams

A total quantity of 6.3 m³ of mixed waste is projected to be generated from routine operations at the FCP during the next three years. Information on these waste streams is presented in Table 4-1.

**Table 4-1
ROUTINELY-GENERATED MIXED WASTE STREAMS**

MEF NUMBER	WASTE DESCRIPTION	EPA WASTE CODES	SOURCE	PROJECTED 3-YEAR GENERATION (M ³)
1815	Spent Fuels	D001, D018	Bldg. 46 North Railyard	1.6
2547	Gasoline/Diesel Fuel Filters	D018	Garage	0.8
3849	Spent Acetone Solvent	D001, F003	WPRAP	0.1
3830	Diesel Fuel	D001	Bldg. 46	0.8
406	Unpunctured Aerosol Cans	D001	Various locations	2.8
1585	Cracked Lead-Acid Batteries	D002, D008	Bldg. 46	0.2
TOTAL THREE-YEAR PROJECTION				6.3

4.2 Remediation Wastes

As part of the site CERCLA remediation, remedial issues and concerns that were similar in location, history, type/level of contamination, and inherent characteristics were grouped into operable units for the purposes of investigation and study. This management approach was seen as the most efficient way to gather information about the condition of the site. The site was divided into five operable units, which are defined in the 1991 Amended Consent Agreement as follows:

- Operable Unit 1 - Waste Pits 1 through 6, the Burn Pit, the Clearwell, and berms, liners, and soil within the operable unit boundary.
- Operable Unit 2 - Two flyash piles, other South Field disposal areas, two lime sludge ponds, solid waste landfill, berms, liners, and soil within the operable unit boundary.
- Operable Unit 3 - Former Production Area and production associated facilities and equipment (includes all above-and below-grade improvements) including, but not limited to, all structures, equipment, utilities, drums, tanks, solid waste, waste, product, thorium, effluent lines, the K-65 transfer line, wastewater treatment facilities, fire training facilities, scrap metal piles, feedstocks, and coal pile.

- Operable Unit 4 - Concrete Storage Silos 1 through 4, berms, decant tank systems, and soil within the operable unit boundary.
- Operable Unit 5 - Environmental media, including groundwater, surface water, and soil not included in Operable Units 1 through 4.

As the Records of Decision (RODs) were issued, it became apparent that successful and efficient remediation of the site depended upon developing sitewide remediation plans that reintegrated the operable units. The integrated implementation process refocused remedial activities planned under the operable unit concept into primary projects based on the selected remedy. These projects are defined as follows:

- 1) Waste Pits Remedial Action Project (WPRAP) (Operable Unit 1, excavation of waste pit materials)
- 2) On-Site Disposal Facility (OSDF) (Operable Units 2, 3, and 5)
- 3) Decontamination and Demolition (D&D) (Operable Unit 3)
- 4) Silos (Operable Unit 4)
- 5) Aquifer Restoration (Operable Unit 5)
- 6) Soil Excavation (Operable Units 2, 3, and 5)

During the execution of remediation activities at the FCP, one project is expected to generate mixed waste that will require treatment during the next three years. Table 4-2 summarizes the types and quantities of mixed waste expected to be generated.

Table 4-2
PROJECTED THREE-YEAR GENERATION RATE FOR MIXED REMEDIATION WASTE

WASTE DESCRIPTION	SOURCE	PROJECTED 3-YEAR GENERATION (M ³)
Lead-based Paint Chips	D&D	15
Lead	D&D	40
TOTAL QUANTITY		55

APPENDIX A

Proposed Amendments to the Site Treatment Plan

**FERNALD CLOSURE ENVIRONMENTAL MANAGEMENT PROJECT
PROPOSED SITE TREATMENT PLAN
PLAN VOLUME**

1.0 PURPOSE AND SCOPE

1.1 The U.S. Department of Energy (DOE) is required to prepare a plan for developing treatment capacities and technologies for each facility at which DOE generates or stores mixed waste, pursuant to Section 3021(b) of the Resource Conservation and Recovery Act (RCRA), 42 U.S.C 6939c(b), as amended by Section 105(a) of the Federal Facility Compliance Act [(P.L.102-386) (FFCA)]. The mixed waste must be treated or otherwise managed in accordance with the land disposal restriction standards under Section 3004 of RCRA. Upon submission of the plan to the appropriate regulatory agency, the FFCA requires the recipient agency to solicit and consider public comments, and approve, approve with modification, or disapprove the plan within six months. The agency is to consult with EPA and any State in which a facility affected by the plan is located. Upon approval of a plan, the regulatory agency must issue a FFCA Order requiring compliance with the approved plan.

1.2 The DOE Fernald Office, hereinafter referred to as **DOE-FCP**, **DOE-FN** has prepared this Proposed Site Treatment Plan (PSTP) for mixed waste at the **Fernald Closure Project (FCP) FEMP**, which identifies how **DOE-FCP** **DOE-FN** proposes to obtain treatment of the site's mixed waste or develop technologies for treatment where technologies do not exist or need modification. For some waste streams, a plan and schedules for characterizing wastes, undertaking technology assessments, and for providing the required plans and schedules for developing capacities and technologies, as appropriate, are provided.

1.3 This section intentionally left blank.

1.4 This section intentionally left blank.

1.5 This section intentionally left blank.

1.6 This section intentionally left blank.

2.0 IMPLEMENTATION OF THE PROPOSED SITE TREATMENT PLAN

The mechanisms and procedures for administering and implementing the treatment plans and schedules in Sections 3.0 through 5.0 of the Plan Volume will be established in the FFCAct Order.

2.1 This section intentionally left blank.

2.2 Modification of Technologies

Emerging or new technologies not yet considered that provide opportunities to manage waste more safely, effectively, and at lower cost than the current technologies identified in the PSTP may be identified in the future. Working closely with regulators and other interested parties during the implementation of the PSTP, DOE will continue to evaluate and develop technologies that offer potential advantages in the areas of public acceptance, risk abatement, performance, and life-cycle cost. Should more promising technologies be identified, DOE may request a modification of its PSTP in accordance with provisions of the implementing FFCAct Order.

3.0 MIXED LOW LEVEL WASTE STREAMS

The Plan Volume of the PSTP establishes overall schedules for achieving compliance with LDR requirements for mixed wastes at the FCP FEMP. The schedules include those activities required to bring existing waste treatment facilities or technologies into operation, and those required to develop new facilities and capacity for treatment. The assumptions upon which individual schedules are dependent are contained in Sections 3.0 through 5.0 of the Background Volume. The schedules may be affected if the underlying assumptions change. The project completion dates provided on the schedules do not include final disposition of treatment residues. Dates provided in the Plan Volume schedules become enforceable through the procedure established in the implementing FFCAct Order.

3.1 Mixed Waste Streams for which Technology Exists

The FCP FEMP has identified eleven Preferred Options for the treatment of characterized mixed low level waste streams in inventory. Only minor modifications of the Preferred Option, if any, are needed to treat the wastes. These preferred options and their respective waste streams are presented in Sections 3.1.1 through 3.1.11.

3.1.4 Waste Streams for which Technology Exists - Preferred Option: Wastewater Treatment, Phase 1

Project Name: Liquid Mixed Waste Project

The FCP FEMP mixed waste streams for which the Preferred Option is identified as Wastewater Treatment are located in Table 4 of the Background Volume. Treatment of these waste streams will occur on-site in an existing facility. This project is part of the Liquid Mixed Waste Project. Liquids will be bulked, tested and a determination will be made whether they are acceptable for the FEMP Wastewater Treatment System. Detailed information on this treatment is located in Section 3.1.4 of the Background Volume.

The Liquid Mixed Waste Project is designed to address treatment and disposal of all liquid mixed waste currently in storage through the WWTS or the TSCA Incinerator Preferred Options.

MIXED WASTE STREAMS FOR WHICH TECHNOLOGY EXISTS

Project Start Date: October 31, 1994 (COMPLETED)

Schedule for submitting all applicable permit applications: Not applicable. This project was initiated as part of CERCLA Removal Action #9 (RA #9). RA #9 was modified to clarify the scope of work and is consistent with the FCP's FEMP's Investigation Derived Waste (IDW) policy and NPDES permit and meets the requirements of the RCRA wastewater treatment unit exclusion. Activities conducted under RA #9 have been incorporated into the Operable Unit 3 Final Record of Decision (ROD).

Schedule for entering into contracts: No contract is required.

Schedule for initiating construction: No construction is required for this project.

Schedule for conducting systems testing: Tank set-up and testing of WWTS is complete. October 31, 1994 (COMPLETED)

Schedule for commencing operations: Operations is the date the FCP FEMP will begin treatment utilizing this Preferred Option. February 29, 1996† (COMPLETED)

Schedule for processing backlogged and currently generated mixed wastes: February 29, 1996 through September 30, 1996 (COMPLETED)

Project Completion Date: September 30, 1996† (COMPLETED)

3.1.4.1 Waste Streams for Which Technology Exists - Preferred Option: Wastewater Treatment, Phase II

Section 3.1.4.1 provides updated schedules for treating FCP FEMP mixed waste streams for which the preferred option is Wastewater Treatment. As part of Phase II of this preferred option, these waste streams will be treated on-site using the FCP's FEMP's Advanced Waste Water Treatment System (AWWT).

Waste waters are introduced into the AWWT-Slurry Dewatering Facility for precipitation and filtration of metal constituents. Filtrate from this process is directed to AWWT Phase 2 which consists of an activated carbon adsorption unit operation. Organic constituents are removed with the filter cake from the precipitation/filtration process or treated through AWWT Phase 2 if they remain in the filtrate.

Schedule for Initiating Treatment of Mixed Waste Identified in the 1998 STP Annual Update: November 1, 1999† (COMPLETED)

Project Completion Date: March 1, 2000† (COMPLETED)

Schedule for Initiating Treatment of Mixed Waste Identified in the Most Recent Version of the STP Annual Update: March 1, 2001† (COMPLETED)

Project Completion Date: June 30, 2001† (COMPLETED)

Schedule for Initiating Treatment of Mixed Waste Identified in the 2001 STP Annual Update:
December 31, 2001† (COMPLETED)

Project Completion Date: June 30, 2002† (COMPLETED)

Project Completion Date: Mixed waste identified in the most recent version of the STP Annual Update will be treated within six months following submittal of the update (by June 30th)†

† Denotes milestone dates

3.1.7 Waste Streams for which Technology Exists - Preferred Option: TSCA Incinerator, Phase 1

Project Name: Liquid Mixed Waste Project

The FCP FEMP mixed waste streams (liquid portion only) for which the Preferred Option is identified as the TSCA Incinerator are listed in Table 7 of the Background Volume. Treatment of these waste streams will occur off-site at the DOE K-25 site in Oak Ridge, Tennessee.

The FCP FEMP is currently allotted capacity at the TSCA Incinerator on a fiscal year basis. ~~693,000 pounds or approximately 318,780 kilograms of mixed low level waste treatment capacity per year at the TSCA Incinerator. The FEMP plans to bulk mixed waste for shipment to the TSCA Incinerator.~~ Detailed information on this treatment is located in Section 3.1.7 of the Background Volume.

Bulking and transport of these wastes was implemented as part of CERCLA Removal Action #9 (RA #9). These activities began after obtaining Ohio EPA approval. Activities conducted under this removal action have been incorporated into the Operable Unit 3 Final Record of Decision (ROD).

The milestone dates for TSCA Incinerator are shipping dates. The shipping dates are dependent on acceptance of the waste by the TSCA Incinerator and the State of Tennessee.

The Liquid Mixed Waste Project is designed to address treatment and disposal of all liquid mixed waste currently in storage through the WWTS or the TSCA Incinerator Preferred Options.

MIXED WASTE STREAMS FOR WHICH TECHNOLOGY EXISTS

Project Start Date: October 1994 (COMPLETED)

Schedule for submitting all applicable permit applications: Not applicable. This project was initiated as part of RA #9. (COMPLETED)

Schedule for entering into contracts: Contracting complete (DOE facility to DOE facility agreement). (COMPLETED)

Schedule for initiating construction: No construction is required for this project.

3.1.7 Waste Streams for which Technology Exists - Preferred Option: TSCA Incinerator (cont.)

Schedule for conducting systems testing: Tank set-up and testing were completed in October 1994. **(COMPLETED)**

Schedule for commencing operations: Operations began with the bulking of waste streams. June 30, 1995 **(COMPLETED)**

Schedule for processing backlogged and currently generated mixed wastes: June 30, 1995 through September 30, 1996 **(COMPLETED)**

Project Completion Date: Shipments from the FEMP to the TSCA Incinerator will be complete by September 30, 1996† **(COMPLETED)**

3.1.7.1 Waste Streams for which Technology Exists - Preferred Option: TSCA Incinerator, Phase II

Phase II of the TSCA Incinerator Preferred Option provides updated schedules for the shipment of individual batches of liquid mixed waste to the TSCA Incinerator and/or commercial mixed waste incineration facilities. These schedules are based on the TSCA Incinerator Burn Plan and commercial facility waste acceptance timeframes. Since capacity at the TSCA Incinerator is allocated on a fiscal year basis, schedules for shipping additional batches of liquid mixed waste will be established in future amendments to the STP.

Schedule for Completing Shipment: Shipment of Batch 9 to the TSCA Incinerator will be completed by September 30, 2000†. **(COMPLETED)**

Shipment of Batch 10 to the TSCA Incinerator or a commercial mixed waste incineration facility will be completed by September 30, 2001†. **(COMPLETED)**

Shipment of Batch 11 to the TSCA Incinerator will be completed by September 30, 2002†. **(COMPLETED)**

Schedule for Providing Additional Milestones for Shipment: Schedules for shipping additional batches of mixed waste to the TSCA Incinerator or a commercial mixed waste incineration facility will be provided by December 31, 2001†. **(COMPLETED)**

Schedule for Completing Shipment: Shipment of Batch 12 to the TSCA Incinerator or a commercial mixed waste incineration facility will be completed by October 31, 2002 †. **(COMPLETED)**

Schedule for Completing Shipment: Shipment of Batch 13 to the TSCA Incinerator or a commercial mixed waste incineration facility will be completed by September 30, 2003 †. **(COMPLETED)**

Schedule for Completing Shipment: Shipment of Batch 14 to the TSCA Incinerator or a commercial mixed waste incineration facility will be completed by September 30, 2004 †.

3.1.10 Waste Streams for Which Technology Exists - Uranium Waste Disposition (UWD) Materials and T-Hopper Wastes

The FCP FEMP has identified mixed waste which is primarily included in a population of uranium materials declared waste in December 1998. A portion of these materials are enriched (contain > 1% U235) and may require blending to reduce uranium content prior to processing. In addition, the FCP FEMP has identified approximately 270 kilograms of mixed waste containing transuranic constituents above 100 nCi/g and 170 kilograms of mixed low-level waste formerly stored in two T-hopper containers. Options being evaluated for these project waste streams include on-site treatment of a portion of these wastes through AWWT and securing a contract with an off-site treatment facility. Also being considered is the possibility of coordinating with another site's disposition path for the 270 kilograms of mixed waste containing transuranic constituents.

Schedule for Entering into Contract: The contract for implementation of this preferred option will be entered into by June 30, 2003†.

Schedule for Providing Additional Milestones for Treatment: Additional milestones for treating the UWD inventory and the T-Hopper Wastes will be provided by December 31, 2003†. **(COMPLETED)**

Schedule for Completing Shipments for Off-Site Treatment of the UWD inventory and the T-Hopper Wastes Identified in the Most Recent Version of the Annual STP Update: September 30, 2005†.

† Denotes milestone dates

3.1.11 Waste Streams for Which Technology Exists - Thorium Legacy Mixed Waste Stabilization Project

The Thorium Legacy Mixed Waste Stabilization Project involves treatment of the thorium legacy mixed waste inventory. These wastes will be decanted as need, prepared and packaged as required for shipment to the selected off-site vendor for treatment and disposal.

Schedule for Entering into Contract: The contract for implementation of this preferred option will be entered into by September 30, 2002 †(COMPLETED)

Schedule for Providing Additional Milestones for Treatment: Additional milestones for treating the thorium legacy mixed waste inventory will be provided by September 30, 2002 †(COMPLETED)

Schedule for Initiating Preparation of Wastes for Transport: Thorium legacy mixed waste onsite processing and packaging will begin by June 30, 2003†. **(COMPLETED)**

Schedule for Completing Shipments for Off-Site Treatment of the Thorium Legacy Waste Identified in the Most Recent Version of the Annual STP Update: December 5, 2003†. **(COMPLETED)**

3.2 Mixed Waste Streams for which Technology Exists But Needs Adaptation or for which No Technology Exists

The FCP FEMP has not identified any mixed waste streams for which significant adaptation and technology development is required for treatment. After final characterization, which will occur as a part of the project management process, certain variances may be requested. Specifically, there may be some constituents for which the LDR treatment standard is incineration. The FCP FEMP may request a variance to allow chemical destruction or stabilization. Also, certain debris may require a technology which is not practical, therefore, a variance may be requested for these wastes.

3.3 Mixed Waste Streams Requiring Further Characterization or for which Technology Assessment Has Not Been Done

All FCP FEMP mixed low level waste streams identified in the STP have a Preferred Option for treatment.

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APPENDIX B

Wastewater Treatment Inventory

**FFCACT SITE TREATMENT PLAN FY2003
AWWT LIQUIDS PROJECT**

MEF No	Inv No	MEF Description	EPA Codes	Net Wt (kg)
1575	W228178	URANYL NITRATE (UNH), EXCESS ANALYSIS BYPRODUCT	D002	151.5
2594	W233409	THORIUM NITRATE SOLUTION	D002, D006, D007	2.7
2788	W198037	THORIUM NITRATE SOLUTION	D002, D005, D007, D008	78.5
2788	W235470	THORIUM NITRATE SOLUTION	D002, D005, D007, D008	5
2788,3431	W235408	MISC. THORIUM SAMPLES	D002, D005, D007, D008	2.3
2900	W154102	TANK W-7 RESIDUE	D002	45.4
2956	W201515	BETZ FERROSPERSE	D002	194.1
3059	W193974	PU COLUMN WASTE	D002	204.6
3059	W197523	PU COLUMN WASTE	D002	223.2
3059	W199107	PU COLUMN WASTE	D002	225.4
3161	W225768	SODIUM HYDROXIDE	D002	39.9
3161	W232649	SODIUM HYDROXIDE	D002	65.3
3161	W232735	SODIUM HYDROXIDE	D002	134.3
3161	W232770	SODIUM HYDROXIDE	D002	100.2
3161	W232779	SODIUM HYDROXIDE	D002	207.3
3161	W232833	SODIUM HYDROXIDE	D002	194.6
3161	W232846	SODIUM HYDROXIDE	D002	50.8
3342	W229409	UNKNOWN SOLVENT	D002	15.9
3455	W230651	CAUSTIC SOLUTION FOR WWT	D002	133.8
3455	W232869	CAUSTIC SOLUTION FOR WWT	D002	18.6
3455	W232870	CAUSTIC SOLUTION FOR WWT	D002	20.9
3455	W232873	CAUSTIC SOLUTION FOR WWT	D002	171
3455	W232921	CAUSTIC SOLUTION FOR WWT	D002	23.6

SEPTEMBER 30, 2002

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Page 1 of 2

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5198

FFCACT SITE TREATMENT PLAN FY2003
AWWT LIQUIDS PROJECT

MEF No	Inv No	MEF Description	EPA Codes	Net Wt (kg)
3655	W170043	RADIUM ANALYSIS WASTE	D002, D008	34
60193	W050536	PURE UNH SOLUTION	D002	98

AWWT LIQUIDS PROJECT 2440.9

Total Inventory: 25

Total Net Wt (kg): 2440.9

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APPENDIX C

TSCA Incinerator Inventory

**FFCACT SITE TREATMENT PLAN FY2003
TSCA INCINERATOR PROJECT**

MEF No	Inv No	MEF Description	EPA Codes	Net Wt (kg)
1725	W231353	LUBRICATING OIL FROM GASOLINE ENGINES	D018	91.6
1725	W231364	LUBRICATING OIL FROM GASOLINE ENGINES	D018	174.2
1725	W234739	LUBRICATING OIL FROM GASOLINE ENGINES	D018	132
1729	W225325	LEADED GASOLINE	D001, D008, D018	120.2
1815	W226673	SPENT FUELS	D001, D018	11.8
20031	W197492	CONTAMINATED OIL, INSOLUBLE GEAR OIL, LUBRICATING OIL	D006, D008, D010, D018, D019, D028, D029, D039, D040, F002	75.8
2785	W180233	SLUDGES FROM THE IGNITABLE LIQUID TANK - BATCH 4 (PCB)	D001, D004, D007, D008, D010, D011, D018, D019, D035, D039, D040, F001, F002, F003, F005, U019	179.6
2785	W187686	SLUDGES FROM THE IGNITABLE LIQUID TANK - BATCH 4 (PCB)	D001, D004, D007, D008, D010, D011, D018, D019, D035, D039, D040, F001, F002, F003, F005, U019	180.1
2785	W187687	SLUDGES FROM THE IGNITABLE LIQUID TANK - BATCH 4 (PCB)	D001, D004, D007, D008, D010, D011, D018, D019, D035, D039, D040, F001, F002, F003, F005, U019	166.5
2785	W187688	SLUDGES FROM THE IGNITABLE LIQUID TANK - BATCH 4 (PCB)	D001, D004, D007, D008, D010, D011, D018, D019, D035, D039, D040, F001, F002, F003, F005, U019	182.3
2785	W306958	SLUDGES FROM THE IGNITABLE LIQUID TANK - BATCH 4 (PCB)	D001, D004, D007, D008, D010, D011, D018, D019, D035, D039, D040, F001, F002, F003, F005, U019	181
2785	W306961	SLUDGES FROM THE IGNITABLE LIQUID TANK - BATCH 4 (PCB)	D001, D004, D007, D008, D010, D011, D018, D019, D035, D039, D040, F001, F002, F003, F005, U019	184.6
2785	W306962	SLUDGES FROM THE IGNITABLE LIQUID TANK - BATCH 4 (PCB)	D001, D004, D007, D008, D010, D011, D018, D019, D035, D039, D040, F001, F002, F003, F005, U019	179.6
2943	W236092	SPENT ACETONE & NITRIC ACID	D001, D002	142.4
2943	W236126	SPENT ACETONE & NITRIC ACID	D001, D002	161
2943	W236127	SPENT ACETONE & NITRIC ACID	D001, D002	61.2
30034	W234671	OIL CONTAMINATED WITH SOLVENTS (TANK 5)	D018, F001	176
30034	W234683	OIL CONTAMINATED WITH SOLVENTS (TANK 5)	D018, F001	233.1
30034	W234694	OIL CONTAMINATED WITH SOLVENTS (TANK 5)	D018, F001	189.1
30034	W234725	OIL CONTAMINATED WITH SOLVENTS (TANK 5)	D018, F001	106.6
30034	W234736	OIL CONTAMINATED WITH SOLVENTS (TANK 5)	D018, F001	43.5
30034	W236195	OIL CONTAMINATED WITH SOLVENTS (TANK 5)	D018, F001	.5
3011	W234672	OIL & GREASE RESIDUES REMOVED FROM TRANE INCINERATOR	D008, F002	96.6

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**FFCACT SITE TREATMENT PLAN FY2003
TSCA INCINERATOR PROJECT**

MEF No	Inv No	MEF Description	EPA Codes	Net Wt (kg)
3184	W197491	USED MOTOR OILS FROM THE LEGACY TRASH SORTING PROJECT	D001, D005, D006, D007, D008, D009, D010, F002, F003, F005	23.1
3702	W176283	ACID WASTE WITH METHANOL FROM LAB ANALYSES	D002, D007, D008	58.5
3702	W176284	ACID WASTE WITH METHANOL FROM LAB ANALYSES	D002, D007, D008	207.3
3702	W184766	ACID WASTE WITH METHANOL FROM LAB ANALYSES	D002, D007, D008	61.2
3702	W184770	ACID WASTE WITH METHANOL FROM LAB ANALYSES	D002, D007, D008	22.7
3773	W160391	RCRA HAZARDOUS WATER FOR WWT	D002, D006, D007, D008, D009, D018, D019, D021, D035, D039, D040	19.1
3773	W175052	RCRA HAZARDOUS WATER FOR WWT	D002, D006, D007, D008, D009, D018, D019, D021, D035, D039, D040	239.5
3773	W175070	RCRA HAZARDOUS WATER FOR WWT	D002, D006, D007, D008, D009, D018, D019, D021, D035, D039, D040	37.2
3773	W206537	RCRA HAZARDOUS WATER FOR WWT	D002, D006, D007, D008, D009, D018, D019, D021, D035, D039, D040	241.8
3773	W500463	RCRA HAZARDOUS WATER FOR WWT	D002, D006, D007, D008, D009, D018, D019, D021, D035, D039, D040	24
3830	W233964	DIESEL FUEL (ORIGINAL MEF 2495)	D001	172.8
3830	W234199	DIESEL FUEL (ORIGINAL MEF 2495)	D001	184.6
3830	W234375	DIESEL FUEL (ORIGINAL MEF 2495)	D001	177.4
3830	W234717	DIESEL FUEL (ORIGINAL MEF 2495)	D001	132.5
3830	W235883	DIESEL FUEL (ORIGINAL MEF 2495)	D001	173.3
3830	W235891	DIESEL FUEL (ORIGINAL MEF 2495)	D001	169.2
3830	W235893	DIESEL FUEL (ORIGINAL MEF 2495)	D001	111.1
3830	W235927	DIESEL FUEL (ORIGINAL MEF 2495)	D001	175.1
3830	W236080	DIESEL FUEL (ORIGINAL MEF 2495)	D001	176
3830	W236084	DIESEL FUEL (ORIGINAL MEF 2495)	D001	92.1
3830	W236090	DIESEL FUEL (ORIGINAL MEF 2495)	D001	176.9
3830	W236130	DIESEL FUEL (ORIGINAL MEF 2495)	D001	174.2
3830	W236132	DIESEL FUEL (ORIGINAL MEF 2495)	D001	178.7

**FFCACT SITE TREATMENT PLAN FY2003
TSCA INCINERATOR PROJECT**

MEF No	Inv No	MEF Description	EPA Codes	Net Wt (kg)
3830	W236137	DIESEL FUEL (ORIGINAL MEF 2495)	D001	176
3830	W236140	DIESEL FUEL (ORIGINAL MEF 2495)	D001	177.8
3830	W236176	DIESEL FUEL (ORIGINAL MEF 2495)	D001	177.4
3830	W236182	DIESEL FUEL (ORIGINAL MEF 2495)	D001	174.6
3840	W235700	TSCA BATCH 13-PCB	D001, D007, D008, D018, D029, D039, D040, F001, F002, F003, F005, U002, U019, U080, U107, U154, U159, U210, U211, U220, U228, U239	18348.9
3850	W223008	AREA 2 PHASE 2 OIL DRUM	D005, D008	23.1
406	W224826	AEROSOL CANS	D001	29
406	W230911	AEROSOL CANS	D001	29
406	W230941	AEROSOL CANS	D001	29
406	W231303	AEROSOL CANS	D001	32.7
406	W232316	AEROSOL CANS	D001	53.5
406	W232317	AEROSOL CANS	D001	49
406	W236052	AEROSOL CANS	D001	24
406	W236103	AEROSOL CANS	D001	23.6
406	W236107	AEROSOL CANS	D001	28.6
406	W236122	AEROSOL CANS	D001	27.7
406	W236125	AEROSOL CANS	D001	328
406	W236138	AEROSOL CANS	D001	38.1
406	W236174	AEROSOL CANS	D001	23.1
419	W236083	XYLENE	D001	37.6
438	W234734	HYDRAULIC OIL FROM BALER IN DRUM RECONDITIONING	D018	108.4
480	W234732	USED OIL	D018, F002	15.4
60027	W234883	CONTAMINATED SOLUBLE OIL	D001, D018	34.5

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**FFCACT SITE TREATMENT PLAN FY2003
TSCA INCINERATOR PROJECT**

MEF No	Inv No	MEF Description	EPA Codes	Net Wt (kg)
60063	W234676	USED OIL FROM PLANT2/3 MAINTENANCE	D006, D008, D009, D018, D019, D021, D035, D039, D040, F002	93.4
60063	W234714	USED OIL FROM PLANT2/3 MAINTENANCE	D006, D008, D009, D018, D019, D021, D035, D039, D040, F002	81.2
633	W197516	OIL FROM UNKNOWN GENERATION SOURCE	D007, D008, D009	9.1
633	W230656	OIL FROM UNKNOWN GENERATION SOURCE	D007, D008, D009	92.1

TSCA INCINERATOR PROJECT 26362.4

Total Inventory: 73

Total Net Wt (kg): 26362.4

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APPENDIX D

Organic Treatment Project Inventory

**FFCACT SITE TREATMENT PLAN FY2003
ORGANIC TREATMENT PROJECT**

MEF No	Inv No	MEF Description	EPA Codes	Net Wt (kg)
10003	W228563	OILY OXIDATION SLUDGES WITH HIGH FREE METAL	D001, D039, F002	138.8
10003	W228577	OILY OXIDATION SLUDGES WITH HIGH FREE METAL	D001, D039, F002	154.7
10003	W228578	OILY OXIDATION SLUDGES WITH HIGH FREE METAL	D001, D039, F002	189.1
10003	W232931	OILY OXIDATION SLUDGES WITH HIGH FREE METAL	D001, D039, F002	253.6
10003	W232940	OILY OXIDATION SLUDGES WITH HIGH FREE METAL	D001, D039, F002	194.6
10003	W233018	OILY OXIDATION SLUDGES WITH HIGH FREE METAL	D001, D039, F002	238.1
10004	W229158	CONTAMINATED SOLVENT - TRICHLOR, PERCHLOR	D007, D018, D019, D021, D029, D039, D040, F001	124.7
10004	W234857	CONTAMINATED SOLVENT - TRICHLOR, PERCHLOR	D007, D018, D019, D021, D029, D039, D040, F001	117
10004	W234886	CONTAMINATED SOLVENT - TRICHLOR, PERCHLOR	D007, D018, D019, D021, D029, D039, D040, F001	196
10007	W234685	OILY SLUDGES	D007, F001	107.5
10009	W228523	SLUDGES - SOLVENT (TRICHLOR, PERCHLOR, ETC.)	D001, D008, D035, F003, F005	152.4
10009	W228560	SLUDGES - SOLVENT (TRICHLOR, PERCHLOR, ETC.)	D001, D008, D035, F003, F005	20
10009	W236048	SLUDGES - SOLVENT (TRICHLOR, PERCHLOR, ETC.)	D001, D008, D035, F003, F005	2.7
10010	W234762	SLUDGES, OILY	D006, D008, D029, D039, D040	106.6
10011	W230989	CONTAMINATED BURNABLES	D005	.9
10012	W232744	PCB CONTAMINATED BURNABLES	D039, D040, F002	56.2
10012	W232760	PCB CONTAMINATED BURNABLES	D039, D040, F002	13.2
10012	W232761	PCB CONTAMINATED BURNABLES	D039, D040, F002	25.4
10012	W232772	PCB CONTAMINATED BURNABLES	D039, D040, F002	59
10012	W232773	PCB CONTAMINATED BURNABLES	D039, D040, F002	64
10012	W232780	PCB CONTAMINATED BURNABLES	D039, D040, F002	86.2
10012	W232789	PCB CONTAMINATED BURNABLES	D039, D040, F002	19.1
10012	W232866	PCB CONTAMINATED BURNABLES	D039, D040, F002	91.2

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**FFCACT SITE TREATMENT PLAN FY2003
ORGANIC TREATMENT PROJECT**

MEF No	Inv No	MEF Description	EPA Codes	Net Wt (kg)
10012	W232872	PCB CONTAMINATED BURNABLES	D039, D040, F002	81.2
10012	W232874	PCB CONTAMINATED BURNABLES	D039, D040, F002	34
10012	W232875	PCB CONTAMINATED BURNABLES	D039, D040, F002	67.1
10012	W232888	PCB CONTAMINATED BURNABLES	D039, D040, F002	49.9
10012	W232889	PCB CONTAMINATED BURNABLES	D039, D040, F002	46.3
10012	W232897	PCB CONTAMINATED BURNABLES	D039, D040, F002	35.4
10012	W232898	PCB CONTAMINATED BURNABLES	D039, D040, F002	47.2
10012	W232901	PCB CONTAMINATED BURNABLES	D039, D040, F002	86.6
10012	W232902	PCB CONTAMINATED BURNABLES	D039, D040, F002	59
10012	W232903	PCB CONTAMINATED BURNABLES	D039, D040, F002	73
10012	W232904	PCB CONTAMINATED BURNABLES	D039, D040, F002	75.3
10012	W232972	PCB CONTAMINATED BURNABLES	D039, D040, F002	88
10012	W235077	PCB CONTAMINATED BURNABLES	D039, D040, F002	43.5
10012	W235998	PCB CONTAMINATED BURNABLES	D039, D040, F002	55.8
10016	W197799	OILY SLUDGE	D010, D035, F002	117.9
10016	W201335	OILY SLUDGE	D010, D035, F002	112.5
10016	W230665	OILY SLUDGE	D010, D035, F002	138.3
10016	W502224	OILY SLUDGE	D010, D035, F002	351.1
10016	W502225	OILY SLUDGE	D010, D035, F002	286.2
10016	W502226	OILY SLUDGE	D010, D035, F002	90.3
10021	W230606	SLUDGES, OILY	D008, D018, D019, F002	238.6
10023	W230984	NON-RECOVERABLE TRASH - PCB	D008, F002	.5
10023	W234741	NON-RECOVERABLE TRASH - PCB	D008, F002	255.8

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**FFCACT SITE TREATMENT PLAN FY2003
ORGANIC TREATMENT PROJECT**

MEF No	Inv No	MEF Description	EPA Codes	Net Wt (kg)
10023	W234778	NON-RECOVERABLE TRASH - PCB	D008, F002	103.4
10023	W234779	NON-RECOVERABLE TRASH - PCB	D008, F002	246.8
10023	W234807	NON-RECOVERABLE TRASH - PCB	D008, F002	32.2
10023	W234808	NON-RECOVERABLE TRASH - PCB	D008, F002	206.8
10023	W234829	NON-RECOVERABLE TRASH - PCB	D008, F002	23.1
10023	W234832	NON-RECOVERABLE TRASH - PCB	D008, F002	35.4
10023	W234845	NON-RECOVERABLE TRASH - PCB	D008, F002	285.3
10023	W234871	NON-RECOVERABLE TRASH - PCB	D008, F002	84.4
10026	W230610	1,1,1-TRICHLOROETHANE STILL BOTTOMS - PCB	D009, F001, F002	146.5
10026	W230614	1,1,1-TRICHLOROETHANE STILL BOTTOMS - PCB	D009, F001, F002	137.9
10026	W230625	1,1,1-TRICHLOROETHANE STILL BOTTOMS - PCB	D009, F001, F002	164.2
10026	W230628	1,1,1-TRICHLOROETHANE STILL BOTTOMS - PCB	D009, F001, F002	188.7
10026	W230629	1,1,1-TRICHLOROETHANE STILL BOTTOMS - PCB	D009, F001, F002	12.7
10026	W230632	1,1,1-TRICHLOROETHANE STILL BOTTOMS - PCB	D009, F001, F002	152.4
10026	W230633	1,1,1-TRICHLOROETHANE STILL BOTTOMS - PCB	D009, F001, F002	184.2
10026	W230634	1,1,1-TRICHLOROETHANE STILL BOTTOMS - PCB	D009, F001, F002	202.3
10026	W230645	1,1,1-TRICHLOROETHANE STILL BOTTOMS - PCB	D009, F001, F002	207.7
10026	W230646	1,1,1-TRICHLOROETHANE STILL BOTTOMS - PCB	D009, F001, F002	156.5
10026	W230670	1,1,1-TRICHLOROETHANE STILL BOTTOMS - PCB	D009, F001, F002	235.4
10026	W230674	1,1,1-TRICHLOROETHANE STILL BOTTOMS - PCB	D009, F001, F002	141.5
10026	W230678	1,1,1-TRICHLOROETHANE STILL BOTTOMS - PCB	D009, F001, F002	8.6
10026	W230681	1,1,1-TRICHLOROETHANE STILL BOTTOMS - PCB	D009, F001, F002	209.1
10026	W230684	1,1,1-TRICHLOROETHANE STILL BOTTOMS - PCB	D009, F001, F002	183.3

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5198

**FFCACT SITE TREATMENT PLAN FY2003
ORGANIC TREATMENT PROJECT**

MEF No	Inv No	MEF Description	EPA Codes	Net Wt (kg)
10026	W230685	1,1,1-TRICHLOROETHANE STILL BOTTOMS - PCB	D009, F001, F002	209.6
10026	W230687	1,1,1-TRICHLOROETHANE STILL BOTTOMS - PCB	D009, F001, F002	235.9
10026	W230692	1,1,1-TRICHLOROETHANE STILL BOTTOMS - PCB	D009, F001, F002	110.2
10026	W230693	1,1,1-TRICHLOROETHANE STILL BOTTOMS - PCB	D009, F001, F002	184.6
10026	W230705	1,1,1-TRICHLOROETHANE STILL BOTTOMS - PCB	D009, F001, F002	79.4
10026	W230710	1,1,1-TRICHLOROETHANE STILL BOTTOMS - PCB	D009, F001, F002	206.4
10026	W230721	1,1,1-TRICHLOROETHANE STILL BOTTOMS - PCB	D009, F001, F002	200.5
10026	W230986	1,1,1-TRICHLOROETHANE STILL BOTTOMS - PCB	D009, F001, F002	.9
10026	W236177	1,1,1-TRICHLOROETHANE STILL BOTTOMS - PCB	D009, F001, F002	204.1
10026	W236184	1,1,1-TRICHLOROETHANE STILL BOTTOMS - PCB	D009, F001, F002	183.7
10027	W183853	CONTAMINATED OIL, INSOLUBLE	D039, D040, F001	152.9
10027	W234640	CONTAMINATED OIL, INSOLUBLE	D039, D040, F001	173.7
10027	W234669	CONTAMINATED OIL, INSOLUBLE	D039, D040, F001	141.1
10027	W234710	CONTAMINATED OIL, INSOLUBLE	D039, D040, F001	157.9
10027	W234711	CONTAMINATED OIL, INSOLUBLE	D039, D040, F001	210.5
10027	W234786	CONTAMINATED OIL, INSOLUBLE	D039, D040, F001	105.2
10027	W234797	CONTAMINATED OIL, INSOLUBLE	D039, D040, F001	29
10027	W234815	CONTAMINATED OIL, INSOLUBLE	D039, D040, F001	25.4
10027	W234818	CONTAMINATED OIL, INSOLUBLE	D039, D040, F001	104.8
10027	W234824	CONTAMINATED OIL, INSOLUBLE	D039, D040, F001	71.7
10027	W234828	CONTAMINATED OIL, INSOLUBLE	D039, D040, F001	177.4
10027	W234852	CONTAMINATED OIL, INSOLUBLE	D039, D040, F001	172.4
10027	W234853	CONTAMINATED OIL, INSOLUBLE	D039, D040, F001	156.5

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5190

**FFCACT SITE TREATMENT PLAN FY2003
ORGANIC TREATMENT PROJECT**

MEF No	Inv No	MEF Description	EPA Codes	Net Wt (kg)
10027	W234882	CONTAMINATED OIL, INSOLUBLE	D039, D040, F001	129.7
10028	W230594	SLUDGES, OILY	D008, D028	176.9
10028	W230599	SLUDGES, OILY	D008, D028	185.5
10028	W230603	SLUDGES, OILY	D008, D028	128.8
10028	W233051	SLUDGES, OILY	D008, D028	159.7
10029	W234870	CONTAMINATED INSOLUBLE OIL	D006, D007, D008, D019, D029, D040, F001	189.1
10031	W234664	FLOOR SUMP CLEANOUT SLUDGE	D029, F002	33.6
10031	W234796	FLOOR SUMP CLEANOUT SLUDGE	D029, F002	138.3
10031	W234822	FLOOR SUMP CLEANOUT SLUDGE	D029, F002	64.4
1013	W234296	BLACK W/R DRUM ENAMEL	D001	225
1016	W234282	CLEAR DRUM LINER PAINT	D001	140.6
1016	W234283	CLEAR DRUM LINER PAINT	D001	170.1
1016	W234304	CLEAR DRUM LINER PAINT	D001	143.8
1016	W234305	CLEAR DRUM LINER PAINT	D001	114.3
1187	W230173	SPENT ACTIVATED CARBON, FROM PERCHED WATER PROJECT	F002, F005	83
1187	W230174	SPENT ACTIVATED CARBON, FROM PERCHED WATER PROJECT	F002, F005	86.6
1187	W230175	SPENT ACTIVATED CARBON, FROM PERCHED WATER PROJECT	F002, F005	175.1
1187	W230176	SPENT ACTIVATED CARBON, FROM PERCHED WATER PROJECT	F002, F005	157.4
1187	W300146	SPENT ACTIVATED CARBON, FROM PERCHED WATER PROJECT	F002, F005	180.1
1187	W300154	SPENT ACTIVATED CARBON, FROM PERCHED WATER PROJECT	F002, F005	195
1187	W300155	SPENT ACTIVATED CARBON, FROM PERCHED WATER PROJECT	F002, F005	200.5
1187	W300157	SPENT ACTIVATED CARBON, FROM PERCHED WATER PROJECT	F002, F005	196.9
1187	W300224	SPENT ACTIVATED CARBON, FROM PERCHED WATER PROJECT	F002, F005	201.9

000037

5198

**FFCACT SITE TREATMENT PLAN FY2003
ORGANIC TREATMENT PROJECT**

MEF No	Inv No	MEF Description	EPA Codes	Net Wt (kg)
1187	W300226	SPENT ACTIVATED CARBON, FROM PERCHED WATER PROJECT	F002, F005	205.5
1187	W515281	SPENT ACTIVATED CARBON, FROM PERCHED WATER PROJECT	F002, F005	188.2
1187	W515282	SPENT ACTIVATED CARBON, FROM PERCHED WATER PROJECT	F002, F005	191.4
1187,1188	W179540	SPENT ACTIVATED CARBON, FROM PERCHED WATER PROJECT	F002, F005	78
1369	W220744	DRUMMED SLUDGE FROM DRYING BEDS	F002	15.4
1411	W154224	CONTAMINATED SOLVENT FROM PAINT SHOP	D001, D005, D007, D008, D009, D010, D011, D018, D019, D035, F002, F003, F005	61.7
1411	W212407	CONTAMINATED SOLVENT FROM PAINT SHOP	D001, D005, D007, D008, D009, D010, D011, D018, D019, D035, F002, F003, F005	205.5
1411	W230589	CONTAMINATED SOLVENT FROM PAINT SHOP	D001, D005, D007, D008, D009, D010, D011, D018, D019, D035, F002, F003, F005	166
1411	W234185	CONTAMINATED SOLVENT FROM PAINT SHOP	D001, D005, D007, D008, D009, D010, D011, D018, D019, D035, F002, F003, F005	79.8
1411	W234225	CONTAMINATED SOLVENT FROM PAINT SHOP	D001, D005, D007, D008, D009, D010, D011, D018, D019, D035, F002, F003, F005	58.1
1411	W234341	CONTAMINATED SOLVENT FROM PAINT SHOP	D001, D005, D007, D008, D009, D010, D011, D018, D019, D035, F002, F003, F005	211.8
1411	W235074	CONTAMINATED SOLVENT FROM PAINT SHOP	D001, D005, D007, D008, D009, D010, D011, D018, D019, D035, F002, F003, F005	3.2
1411	W503571	CONTAMINATED SOLVENT FROM PAINT SHOP	D001, D005, D007, D008, D009, D010, D011, D018, D019, D035, F002, F003, F005	189.6
1423	W234776	CONTAMINATED INSOLUBLE OIL	D008, D009, D039, D040, F001, F002, F003, F005	29
1427	W236031	MOP HEADS AND PADS CONTAMINATED WITH 1,1,1 - TRICHLOROETHANE	F002	1.8
1438	W050258	NON-OILY CLEANOUT SLUDGES FOR ROASTING	D039	207.3
1438	W050264	NON-OILY CLEANOUT SLUDGES FOR ROASTING	D039	305.7
1438	W234645	NON-OILY CLEANOUT SLUDGES FOR ROASTING	D039	214.1
1438	W234653	NON-OILY CLEANOUT SLUDGES FOR ROASTING	D039	331.1
1438	W234655	NON-OILY CLEANOUT SLUDGES FOR ROASTING	D039	117
1438	W234657	NON-OILY CLEANOUT SLUDGES FOR ROASTING	D039	298
1438	W234677	NON-OILY CLEANOUT SLUDGES FOR ROASTING	D039	226.8
1438	W234759	NON-OILY CLEANOUT SLUDGES FOR ROASTING	D039	189.6

000038

5198

**FFCACT SITE TREATMENT PLAN FY2003
ORGANIC TREATMENT PROJECT**

MEF No	Inv No	MEF Description	EPA Codes	Net Wt (kg)
1438	W234774	NON-OILY CLEANOUT SLUDGES FOR ROASTING	D039	280.3
1438	W234838	NON-OILY CLEANOUT SLUDGES FOR ROASTING	D039	124.3
1438	W234839	NON-OILY CLEANOUT SLUDGES FOR ROASTING	D039	131.5
1438	W234894	NON-OILY CLEANOUT SLUDGES FOR ROASTING	D039	223.6
1438	W236044	NON-OILY CLEANOUT SLUDGES FOR ROASTING	D039	4.5
1447	W234201	SUMP WASTE FROM PLT 1 PAINTING BOOTH	D001	45.8
1501	W230661	SPILL CLEANUPS OF OIL AND GAS FROM GASOLINE ENGINES	D018	55.8
1501	W230928	SPILL CLEANUPS OF OIL AND GAS FROM GASOLINE ENGINES	D018	2.3
1672	W235938	NON-BURNABLE TRASH	F001, F002	5.9
1706	W236191	LAB WASTE, TCLP EXTRACT	D018, D021, D035, D038, D039, D040, D043, F002, F005	1.4
1815	W234866	SPENT FUELS	D001, D018	86.2
1833,3827	W208750	TSCA - BATCH 12	D001, D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D026, D027, D028, D029, D035, D039, D040, D043, F001, F002, F003, F005, U019, U080, U154, U210, U211	3988.9
20003	W234387	MIXED SOLVENTS FROM TANKS T-5 AND T-6	D001, D022, D028, D029, D035, F001, F002, F003, F005	172.8
20003	W234417	MIXED SOLVENTS FROM TANKS T-5 AND T-6	D001, D022, D028, D029, D035, F001, F002, F003, F005	93.9
20003	W234419	MIXED SOLVENTS FROM TANKS T-5 AND T-6	D001, D022, D028, D029, D035, F001, F002, F003, F005	118.4
20003	W234639	MIXED SOLVENTS FROM TANKS T-5 AND T-6	D001, D022, D028, D029, D035, F001, F002, F003, F005	53.1
20003	W234690	MIXED SOLVENTS FROM TANKS T-5 AND T-6	D001, D022, D028, D029, D035, F001, F002, F003, F005	270.8
20003	W234718	MIXED SOLVENTS FROM TANKS T-5 AND T-6	D001, D022, D028, D029, D035, F001, F002, F003, F005	129.3
20003	W236098	MIXED SOLVENTS FROM TANKS T-5 AND T-6	D001, D022, D028, D029, D035, F001, F002, F003, F005	152.9
20021	W234703	CONTAMINATED INSOLUBLE OIL	D019, D029, D039, D040, F001	202.8
20021	W234782	CONTAMINATED INSOLUBLE OIL	D019, D029, D039, D040, F001	30.8
20028	W234646	CONTAMINATED OIL - INSOLUBLE	D039, D040, F001	72.1
20037	W235935	PROCESS RESIDUES, TRAILER CAKES, SLURRIES, RAFFINATES	D029	6.8

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5198

FFCACT SITE TREATMENT PLAN FY2003 ORGANIC TREATMENT PROJECT

MEF No	Inv No	MEF Description	EPA Codes	Net Wt (kg)
20045	W230935	CONTAMINATED TBP AND/OR KEROSENE MIXTURES AND SLUDGES	D019, D022, D039, F002	10.4
20048	W234785	PROCESS RESIDUES, TRAILER CAKES, SLURRIES, RAFFINATES	F005	10.9
20054	W236128	CONTAMINATED SOLVENT - TRICHLOR, PERCHLOR	D019, D022, D028, D029, D039, F001, F005	38.1
201	W234758	CRANKCASE OIL	D018	105.2
2014	W234249	EPOXY-PRIME COAT LDC-1000	D001, D035	29.9
2014	W234303	EPOXY-PRIME COAT LDC-1000	D001, D035	37.2
2016	W234270	PAINT BITUMASTIC 300 M A & B COLD TAR COATING	D001, D018, D026	33.1
2048	W236202	SOLIDIFIED LAB WASTE	F001, F002, F005	13.6
2224	W234432	FLOOR COATING BASE	D001	78.9
2224	W236087	FLOOR COATING BASE	D001	239
2395	W236207	CONTACT WASTE FROM CTC LAB	D007, D008, D009, D039, F001, F002, F005	.9
2498	W204572	LIQUIDS FROM PILOT PLANT SUMP RA#24	D008, D039	16.3
2499	W235930	CONCRETE ABANDONED PILOT PLANT SUMP	F002, F003	3.2
2547	W230644	GASOLINE/DIESEL FUEL FILTERS	D018	49.9
2547	W230663	GASOLINE/DIESEL FUEL FILTERS	D018	75.8
2547	W230669	GASOLINE/DIESEL FUEL FILTERS	D018	94.8
2547	W231371	GASOLINE/DIESEL FUEL FILTERS	D018	78
2547	W234430	GASOLINE/DIESEL FUEL FILTERS	D018	169.6
2547	W234760	GASOLINE/DIESEL FUEL FILTERS	D018	81.2
2547	W234798	GASOLINE/DIESEL FUEL FILTERS	D018	78.5
2581	W235945	CONTAMINATED PALLETS	F002	5.9
2591	W151669	PADS ANTI-C'S & ABSORBANT CONTAMINATED WITH FORMIC ACID	U123	236.8
2613	W234858	SCABBLED CONCRETE FROM DETREX STILL CLOSURE (PCB)	F001, F002	173.3

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5193

**FFCACT SITE TREATMENT PLAN FY2003
ORGANIC TREATMENT PROJECT**

MEF No	Inv No	MEF Description	EPA Codes	Net Wt (kg)
2618	W129224	DETREX STILL TANK(INCLUDING ASBESTOS COVER), ASSOC. PIPING AND PUMP	F001, F002	433.6
2621	W234802	SCRAP METAL CONTAMINATED WITH F-LISTED SOLVENTS AND PCB-TSCA	F002, F005	161.5
2621	W234831	SCRAP METAL CONTAMINATED WITH F-LISTED SOLVENTS AND PCB-TSCA	F002, F005	46.3
2625	W228379	CONTACT WASTE CONTAMINATED WITH F-LISTED SOLVENTS AND PCB - TSCA	F002, F005	13.2
2625	W228380	CONTACT WASTE CONTAMINATED WITH F-LISTED SOLVENTS AND PCB - TSCA	F002, F005	33.6
2625	W228386	CONTACT WASTE CONTAMINATED WITH F-LISTED SOLVENTS AND PCB - TSCA	F002, F005	15.4
2625	W228387	CONTACT WASTE CONTAMINATED WITH F-LISTED SOLVENTS AND PCB - TSCA	F002, F005	14.1
2625	W228392	CONTACT WASTE CONTAMINATED WITH F-LISTED SOLVENTS AND PCB - TSCA	F002, F005	16.3
2625	W228419	CONTACT WASTE CONTAMINATED WITH F-LISTED SOLVENTS AND PCB - TSCA	F002, F005	36.7
2625	W228423	CONTACT WASTE CONTAMINATED WITH F-LISTED SOLVENTS AND PCB - TSCA	F002, F005	11.8
2625	W228433	CONTACT WASTE CONTAMINATED WITH F-LISTED SOLVENTS AND PCB - TSCA	F002, F005	10.9
2625	W228434	CONTACT WASTE CONTAMINATED WITH F-LISTED SOLVENTS AND PCB - TSCA	F002, F005	19.1
2625	W228435	CONTACT WASTE CONTAMINATED WITH F-LISTED SOLVENTS AND PCB - TSCA	F002, F005	21.3
2625	W228436	CONTACT WASTE CONTAMINATED WITH F-LISTED SOLVENTS AND PCB - TSCA	F002, F005	28.6
2625	W228439	CONTACT WASTE CONTAMINATED WITH F-LISTED SOLVENTS AND PCB - TSCA	F002, F005	36.7
2625	W228446	CONTACT WASTE CONTAMINATED WITH F-LISTED SOLVENTS AND PCB - TSCA	F002, F005	59
2625	W228448	CONTACT WASTE CONTAMINATED WITH F-LISTED SOLVENTS AND PCB - TSCA	F002, F005	17.7
2625	W228449	CONTACT WASTE CONTAMINATED WITH F-LISTED SOLVENTS AND PCB - TSCA	F002, F005	19.1
2625	W228450	CONTACT WASTE CONTAMINATED WITH F-LISTED SOLVENTS AND PCB - TSCA	F002, F005	18.6
2625	W230607	CONTACT WASTE CONTAMINATED WITH F-LISTED SOLVENTS AND PCB - TSCA	F002, F005	15
2625	W230657	CONTACT WASTE CONTAMINATED WITH F-LISTED SOLVENTS AND PCB - TSCA	F002, F005	200
2625	W232865	CONTACT WASTE CONTAMINATED WITH F-LISTED SOLVENTS AND PCB - TSCA	F002, F005	17.7

000041

**FFCACT SITE TREATMENT PLAN FY2003
ORGANIC TREATMENT PROJECT**

MEF No	Inv No	MEF Description	EPA Codes	Net Wt (kg)
2625	W232893	CONTACT WASTE CONTAMINATED WITH F-LISTED SOLVENTS AND PCB - TSCA	F002, F005	8.2
2626	W220752	SEDIMENT/SLUDGE CONTAMINATED WITH F-LISTED SOLVENTS & PCB - TSCA	D007, D008, D018, D029, D030, D032, D033, D040, F002, F005	32.2
2626	W230611	SEDIMENT/SLUDGE CONTAMINATED WITH F-LISTED SOLVENTS & PCB - TSCA	D007, D008, D018, D029, D030, D032, D033, D040, F002, F005	30.4
2626	W230612	SEDIMENT/SLUDGE CONTAMINATED WITH F-LISTED SOLVENTS & PCB - TSCA	D007, D008, D018, D029, D030, D032, D033, D040, F002, F005	24.5
2626	W230622	SEDIMENT/SLUDGE CONTAMINATED WITH F-LISTED SOLVENTS & PCB - TSCA	D007, D008, D018, D029, D030, D032, D033, D040, F002, F005	114.3
2626	W230631	SEDIMENT/SLUDGE CONTAMINATED WITH F-LISTED SOLVENTS & PCB - TSCA	D007, D008, D018, D029, D030, D032, D033, D040, F002, F005	54.4
2626	W230639	SEDIMENT/SLUDGE CONTAMINATED WITH F-LISTED SOLVENTS & PCB - TSCA	D007, D008, D018, D029, D030, D032, D033, D040, F002, F005	106.1
2626	W230642	SEDIMENT/SLUDGE CONTAMINATED WITH F-LISTED SOLVENTS & PCB - TSCA	D007, D008, D018, D029, D030, D032, D033, D040, F002, F005	20
2626	W230666	SEDIMENT/SLUDGE CONTAMINATED WITH F-LISTED SOLVENTS & PCB - TSCA	D007, D008, D018, D029, D030, D032, D033, D040, F002, F005	240.4
2626	W230679	SEDIMENT/SLUDGE CONTAMINATED WITH F-LISTED SOLVENTS & PCB - TSCA	D007, D008, D018, D029, D030, D032, D033, D040, F002, F005	193.2
2626	W230691	SEDIMENT/SLUDGE CONTAMINATED WITH F-LISTED SOLVENTS & PCB - TSCA	D007, D008, D018, D029, D030, D032, D033, D040, F002, F005	205
2626	W230700	SEDIMENT/SLUDGE CONTAMINATED WITH F-LISTED SOLVENTS & PCB - TSCA	D007, D008, D018, D029, D030, D032, D033, D040, F002, F005	230.4
2626	W230713	SEDIMENT/SLUDGE CONTAMINATED WITH F-LISTED SOLVENTS & PCB - TSCA	D007, D008, D018, D029, D030, D032, D033, D040, F002, F005	251.3
2626	W230723	SEDIMENT/SLUDGE CONTAMINATED WITH F-LISTED SOLVENTS & PCB - TSCA	D007, D008, D018, D029, D030, D032, D033, D040, F002, F005	161.9
2626	W235098	SEDIMENT/SLUDGE CONTAMINATED WITH F-LISTED SOLVENTS & PCB - TSCA	D007, D008, D018, D029, D030, D032, D033, D040, F002, F005	68.9
2626	W236040	SEDIMENT/SLUDGE CONTAMINATED WITH F-LISTED SOLVENTS & PCB - TSCA	D007, D008, D018, D029, D030, D032, D033, D040, F002, F005	109.3
2633	W134762	PETROLEUM CONTAMINATED SOIL FROM THE POND AREA OF THE FTF	F002, F005	2589.1
2674	W229435	PETROLIUM CONTAMINATED SOIL FROM OPEN TOP TANK TRENCH AREA AT FTF (NON-PCB)	F002, F005	5
2674	W236192	PETROLIUM CONTAMINATED SOIL FROM OPEN TOP TANK TRENCH AREA AT FTF (NON-PCB)	F002, F005	141.1
2674	W236193	PETROLIUM CONTAMINATED SOIL FROM OPEN TOP TANK TRENCH AREA AT FTF (NON-PCB)	F002, F005	109.3
2681	W231307	SODIUM SULPHATE WASTE	F002, F003	20.4
2760	W234299	SOLID/SLUDGE FROM LIQUID MIXED WASTE TANK DECONTAMINATION	D001, D004, D006, D007, D008, D010, D011, D018, D019, D021, D022, D026, D028, D029, D035, D038, D039, D040, D043	195.5

000042

5198

**FFCACT SITE TREATMENT PLAN FY2003
ORGANIC TREATMENT PROJECT**

MEF No	Inv No	MEF Description	EPA Codes	Net Wt (kg)
2760	W234311	SOLID/SLUDGE FROM LIQUID MIXED WASTE TANK DECONTAMINATION	D001, D004, D006, D007, D008, D010, D011, D018, D019, D021, D022, D026, D028, D029, D035, D038, D039, D040, D043	218.6
2774	W236078	SOFT SOLIDS MIX FOR TREATMENT	D005, D008, D009, D018, D019, D021, D035, D039, D040, F001, F002, F003, F005, U019, U210, U211	136.5
2776	W228482	RIGID SOLIDS MIX FOR TREATMENT	D018, D039, F001, F002, F003, F005, U019, U210, U211	78
2776	W228497	RIGID SOLIDS MIX FOR TREATMENT	D018, D039, F001, F002, F003, F005, U019, U210, U211	89.8
2778	W236109	CONSOLIDATED NON-CORROSIVE LIQUIDS FOR TREATMENT	D001, D018, D019, D021, D035, D039, D040, F001, F002, F003, F005, U019, U210, U211	34.5
2781	W151706	NON-DEBRIS SOLIDS W/NO D018 THROUGH D043	D007, D008, F001, F002, F003, F005, U019, U211	1535.9
2781	W153512	NON-DEBRIS SOLIDS W/NO D018 THROUGH D043	D007, D008, F001, F002, F003, F005, U019, U211	733
2795	W235940	SCABBLED CONCRETE FROM HWMU #3 CLOSURE	F002	1.8
2818	W232835	TBP KEROSENE FROM TANK D1-7	D019, D022, D039	83.5
2818	W232845	TBP KEROSENE FROM TANK D1-7	D019, D022, D039	124.3
2818	W235932	TBP KEROSENE FROM TANK D1-7	D019, D022, D039	4.1
2862,10004	W234812	CONTAMINATED SOLVENT - TRICHLOR, PERCHLOR	D007, D018, D019, D021, D029, D030, D032, D039, D040, F001, F002	45.8
2892,3244	W234264	RCRA HAZARDOUS ADHESIVES	D001, D035	21.8
2921	W154072	SUMP/TRENCH SLUDGES AND LIQUIDS FROM BLDG. 13A	D039, D040	107
2921	W154073	SUMP/TRENCH SLUDGES AND LIQUIDS FROM BLDG. 13A	D039, D040	159.7
2921	W207830	SUMP/TRENCH SLUDGES AND LIQUIDS FROM BLDG. 13A	D039, D040	123.8
2921	W227372	SUMP/TRENCH SLUDGES AND LIQUIDS FROM BLDG. 13A	D039, D040	110.7
2921	W227382	SUMP/TRENCH SLUDGES AND LIQUIDS FROM BLDG. 13A	D039, D040	124.3
2921	W228740	SUMP/TRENCH SLUDGES AND LIQUIDS FROM BLDG. 13A	D039, D040	203.2
2921	W231279	SUMP/TRENCH SLUDGES AND LIQUIDS FROM BLDG. 13A	D039, D040	141.1
2921	W231288	SUMP/TRENCH SLUDGES AND LIQUIDS FROM BLDG. 13A	D039, D040	143.3
2921	W231297	SUMP/TRENCH SLUDGES AND LIQUIDS FROM BLDG. 13A	D039, D040	225
2921	W231304	SUMP/TRENCH SLUDGES AND LIQUIDS FROM BLDG. 13A	D039, D040	248.6

000043

5198

**FFCACT SITE TREATMENT PLAN FY2003
ORGANIC TREATMENT PROJECT**

MEF No	Inv No	MEF Description	EPA Codes	Net Wt (kg)
2921	W231322	SUMP/TRENCH SLUDGES AND LIQUIDS FROM BLDG. 13A	D039, D040	93.4
2921	W231337	SUMP/TRENCH SLUDGES AND LIQUIDS FROM BLDG. 13A	D039, D040	245.8
2921	W234010	SUMP/TRENCH SLUDGES AND LIQUIDS FROM BLDG. 13A	D039, D040	65.8
2921	W234011	SUMP/TRENCH SLUDGES AND LIQUIDS FROM BLDG. 13A	D039, D040	222.3
2921	W234076	SUMP/TRENCH SLUDGES AND LIQUIDS FROM BLDG. 13A	D039, D040	72.6
2921	W309446	SUMP/TRENCH SLUDGES AND LIQUIDS FROM BLDG. 13A	D039, D040	194.1
2921	W309450	SUMP/TRENCH SLUDGES AND LIQUIDS FROM BLDG. 13A	D039, D040	195
2921	W309461	SUMP/TRENCH SLUDGES AND LIQUIDS FROM BLDG. 13A	D039, D040	156.9
2937	W234658	TRASH & SLUDGE FROM BATCH 5	D004, D006, D007, D008, D010, D011, D018, D019, D026, D035, D038, D039, D040, D043, F001, F002, F003, F005	54
2937	W234744	TRASH & SLUDGE FROM BATCH 5	D004, D006, D007, D008, D010, D011, D018, D019, D026, D035, D038, D039, D040, D043, F001, F002, F003, F005	29.5
2938	W234767	PCB SLUDGE FROM BATCH 6	D008, D018, D019, D022, D026, D029, D035, D038, D039, D040, D043, F001, F002, F003, F005	140.6
2938	W234773	PCB SLUDGE FROM BATCH 6	D008, D018, D019, D022, D026, D029, D035, D038, D039, D040, D043, F001, F002, F003, F005	168.7
2938	W234872	PCB SLUDGE FROM BATCH 6	D008, D018, D019, D022, D026, D029, D035, D038, D039, D040, D043, F001, F002, F003, F005	183.3
2938	W234887	PCB SLUDGE FROM BATCH 6	D008, D018, D019, D022, D026, D029, D035, D038, D039, D040, D043, F001, F002, F003, F005	132
2938	W234906	PCB SLUDGE FROM BATCH 6	D008, D018, D019, D022, D026, D029, D035, D038, D039, D040, D043, F001, F002, F003, F005	161.9
2939	W234668	SLUDGE FROM BATCH 5	D004, D006, D007, D008, D010, D011, D018, D019, D026, D035, D038, D039, D040, D043, F001, F002, F003, F005	155.1
2939	W234827	SLUDGE FROM BATCH 5	D004, D006, D007, D008, D010, D011, D018, D019, D026, D035, D038, D039, D040, D043, F001, F002, F003, F005	94.8
2940	W234819	SLUDGE FROM BATCH 1	D004, D008, D010, D011, D018, D019, D021, D029, D039, D040	128.4
2944	W230199	SOLVENT & OIL CONSOLIDATION	D001, D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D026, D027, D028, D029, D035, D038, D039, D040, D043	152
2944	W234294	SOLVENT & OIL CONSOLIDATION	D001, D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D026, D027, D028, D029, D035, D038, D039, D040, D043	41.3
2944	W236104	SOLVENT & OIL CONSOLIDATION	D001, D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D026, D027, D028, D029, D035, D038, D039, D040, D043	9.1

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**FFCACT SITE TREATMENT PLAN FY2003
ORGANIC TREATMENT PROJECT**

MEF No	Inv No	MEF Description	EPA Codes	Net Wt (kg)
2944,3037, 3238	W234867	ROLLER INK	D001, D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D026, D027, D028, D029, D035, D038, D039, D040, D043	59.9
2944,60070	W234638	CONTAMINATED LUBRICATING OIL	D001, D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D026, D027, D028, D029, D035, D038, D039, D040, D043	157.9
2948	W234847	PLANT 1 SAMPLING RINSATE	F001, F002, F003, F005	3.2
2952	W236136	EXPIRED ORGANIC STANDARDS - PCB	D001, F027, P004, P022, P037, P048, P050, P051, P059, P071, P082, P094, P123, U002, U004, U012, U019, U021, U022, U024, U027, U028, U031, U036, U037, U039, U043, U044, U045, U047, U048, U050, U052, U055, U057, U060, U061, U066, U068, U070, U072, U073, U075, U076, U077, U078, U079, U080, U081, U082, U083, U084, U088, U101, U102, U105, U106, U112, U120, U127, U128, U129, U130, U131, U141, U154, U159, U161, U165, U167, U168, U169, U170, U171, U179, U183, U185, U187, U188, U191, U192, U196, U203, U207, U208, U209, U210, U220, U226, U227, U228, U239	12.2
2954	W228385	PCB CONTAMINATED CONTACT WASTE	F001, F002, F003, F005, U019	66.7
2954	W234641	PCB CONTAMINATED CONTACT WASTE	F001, F002, F003, F005, U019	32.2
2954	W234648	PCB CONTAMINATED CONTACT WASTE	F001, F002, F003, F005, U019	22.2
2954	W234660	PCB CONTAMINATED CONTACT WASTE	F001, F002, F003, F005, U019	30.4
2954	W234699	PCB CONTAMINATED CONTACT WASTE	F001, F002, F003, F005, U019	9.5
2954	W234716	PCB CONTAMINATED CONTACT WASTE	F001, F002, F003, F005, U019	29.9
2954	W234742	PCB CONTAMINATED CONTACT WASTE	F001, F002, F003, F005, U019	28.1
2954	W234766	PCB CONTAMINATED CONTACT WASTE	F001, F002, F003, F005, U019	17.7
2954	W234777	PCB CONTAMINATED CONTACT WASTE	F001, F002, F003, F005, U019	12.2
2954	W234850	PCB CONTAMINATED CONTACT WASTE	F001, F002, F003, F005, U019	10.9
2954	W234855	PCB CONTAMINATED CONTACT WASTE	F001, F002, F003, F005, U019	15.4
2954	W234885	PCB CONTAMINATED CONTACT WASTE	F001, F002, F003, F005, U019	28.6
2954	W234905	PCB CONTAMINATED CONTACT WASTE	F001, F002, F003, F005, U019	60.8
2954	W235934	PCB CONTAMINATED CONTACT WASTE	F001, F002, F003, F005, U019	1.4

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5198

**FFCACT SITE TREATMENT PLAN FY2003
ORGANIC TREATMENT PROJECT**

MEF No	Inv No	MEF Description	EPA Codes	Net Wt (kg)
2982	W191040	TRENCH MATERIAL FROM AROUND 39A DRUM STORAGE FILLING STATION PAD FROM TRANE INCINERATOR HWMU AREA	D008, F002	211.8
2982	W228378	TRENCH MATERIAL FROM AROUND 39A DRUM STORAGE FILLING STATION PAD FROM TRANE INCINERATOR HWMU AREA	D008, F002	215.9
2982	W228424	TRENCH MATERIAL FROM AROUND 39A DRUM STORAGE FILLING STATION PAD FROM TRANE INCINERATOR HWMU AREA	D008, F002	109.8
2982	W230654	TRENCH MATERIAL FROM AROUND 39A DRUM STORAGE FILLING STATION PAD FROM TRANE INCINERATOR HWMU AREA	D008, F002	205.5
2982	W230659	TRENCH MATERIAL FROM AROUND 39A DRUM STORAGE FILLING STATION PAD FROM TRANE INCINERATOR HWMU AREA	D008, F002	119.7
2982	W230990	TRENCH MATERIAL FROM AROUND 39A DRUM STORAGE FILLING STATION PAD FROM TRANE INCINERATOR HWMU AREA	D008, F002	11.3
2982	W234849	TRENCH MATERIAL FROM AROUND 39A DRUM STORAGE FILLING STATION PAD FROM TRANE INCINERATOR HWMU AREA	D008, F002	271.3
2987	W184370	DUST AND DUST BAGS FROM TRANE INCINERATOR	D008, F002	18.1
2987	W207183	DUST AND DUST BAGS FROM TRANE INCINERATOR	D008, F002	176.9
2987	W207184	DUST AND DUST BAGS FROM TRANE INCINERATOR	D008, F002	235
2987	W207185	DUST AND DUST BAGS FROM TRANE INCINERATOR	D008, F002	132
2987	W234673	DUST AND DUST BAGS FROM TRANE INCINERATOR	D008, F002	73
2987	W234823	DUST AND DUST BAGS FROM TRANE INCINERATOR	D008, F002	33.1
2987	W234825	DUST AND DUST BAGS FROM TRANE INCINERATOR	D008, F002	46.3
2987	W234914	DUST AND DUST BAGS FROM TRANE INCINERATOR	D008, F002	71.2
2990	W229188	CONSOLIDATED SAMPLES - CONTAMINATED WATER OR SUMP LIQUOR	F002, F005	6.8
2991	W235954	CONSOLIDATED SAMPLES - WET SUMP OR FILTER CAKE	F002, F005	10.2
2991,30042	W234379	WET SUMP OR FILTER CAKE - NON-OILY, NON-HALIDE	D039, F002, F005	31.8
30005	W234171	OILY SLUDGES	D001, D019, D039, D040, F002	212.3
30005	W234193	OILY SLUDGES	D001, D019, D039, D040, F002	233.6
30005	W234215	OILY SLUDGES	D001, D019, D039, D040, F002	171.9
30005	W234231	OILY SLUDGES	D001, D019, D039, D040, F002	186
30005	W234234	OILY SLUDGES	D001, D019, D039, D040, F002	172.8

**FFCACT SITE TREATMENT PLAN FY2003
ORGANIC TREATMENT PROJECT**

MEF No	Inv No	MEF Description	EPA Codes	Net Wt (kg)
30005	W234242	OILY SLUDGES	D001, D019, D039, D040, F002	191
30005	W234243	OILY SLUDGES	D001, D019, D039, D040, F002	225.4
30005	W234244	OILY SLUDGES	D001, D019, D039, D040, F002	191
30005	W234253	OILY SLUDGES	D001, D019, D039, D040, F002	191.9
30005	W234257	OILY SLUDGES	D001, D019, D039, D040, F002	156.5
30005	W234272	OILY SLUDGES	D001, D019, D039, D040, F002	211.8
30005	W234285	OILY SLUDGES	D001, D019, D039, D040, F002	252.2
30005	W234287	OILY SLUDGES	D001, D019, D039, D040, F002	225.4
30005	W234322	OILY SLUDGES	D001, D019, D039, D040, F002	154.2
30005	W234381	OILY SLUDGES	D001, D019, D039, D040, F002	218.2
30005	W234422	OILY SLUDGES	D001, D019, D039, D040, F002	156.9
30005	W236088	OILY SLUDGES	D001, D019, D039, D040, F002	228.2
30010	W230613	SLUDGE FROM SERVICES BUILDING SUMP	D040, F002	131.1
30010	W230615	SLUDGE FROM SERVICES BUILDING SUMP	D040, F002	89.8
30010	W230627	SLUDGE FROM SERVICES BUILDING SUMP	D040, F002	107.5
30010	W230630	SLUDGE FROM SERVICES BUILDING SUMP	D040, F002	103
30010	W230652	SLUDGE FROM SERVICES BUILDING SUMP	D040, F002	132.9
30010	W230658	SLUDGE FROM SERVICES BUILDING SUMP	D040, F002	142
30010	W230676	SLUDGE FROM SERVICES BUILDING SUMP	D040, F002	251.3
30010	W230677	SLUDGE FROM SERVICES BUILDING SUMP	D040, F002	103
30010	W230680	SLUDGE FROM SERVICES BUILDING SUMP	D040, F002	219.5
30010	W230682	SLUDGE FROM SERVICES BUILDING SUMP	D040, F002	179.2
30010	W230683	SLUDGE FROM SERVICES BUILDING SUMP	D040, F002	126.1

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5198

**FFCACT SITE TREATMENT PLAN FY2003
ORGANIC TREATMENT PROJECT**

MEF No	Inv No	MEF Description	EPA Codes	Net Wt (kg)
30010	W230686	SLUDGE FROM SERVICES BUILDING SUMP	D040, F002	204.6
30010	W230695	SLUDGE FROM SERVICES BUILDING SUMP	D040, F002	234.5
30010	W230701	SLUDGE FROM SERVICES BUILDING SUMP	D040, F002	98
30010	W230702	SLUDGE FROM SERVICES BUILDING SUMP	D040, F002	230
30010	W230703	SLUDGE FROM SERVICES BUILDING SUMP	D040, F002	223.2
30010	W230704	SLUDGE FROM SERVICES BUILDING SUMP	D040, F002	29.5
30010	W230706	SLUDGE FROM SERVICES BUILDING SUMP	D040, F002	219.1
30010	W230707	SLUDGE FROM SERVICES BUILDING SUMP	D040, F002	8.6
30010	W230709	SLUDGE FROM SERVICES BUILDING SUMP	D040, F002	260.8
30010	W230711	SLUDGE FROM SERVICES BUILDING SUMP	D040, F002	166.9
30010	W230712	SLUDGE FROM SERVICES BUILDING SUMP	D040, F002	93
30010	W230715	SLUDGE FROM SERVICES BUILDING SUMP	D040, F002	264.9
30010	W230716	SLUDGE FROM SERVICES BUILDING SUMP	D040, F002	229.1
30010	W230720	SLUDGE FROM SERVICES BUILDING SUMP	D040, F002	239
30010	W232187	SLUDGE FROM SERVICES BUILDING SUMP	D040, F002	173.3
30010	W232188	SLUDGE FROM SERVICES BUILDING SUMP	D040, F002	277.1
30010	W232189	SLUDGE FROM SERVICES BUILDING SUMP	D040, F002	188.2
30010	W232219	SLUDGE FROM SERVICES BUILDING SUMP	D040, F002	13.2
30010	W232674	SLUDGE FROM SERVICES BUILDING SUMP	D040, F002	190.5
30010	W232721	SLUDGE FROM SERVICES BUILDING SUMP	D040, F002	176.9
30010	W232723	SLUDGE FROM SERVICES BUILDING SUMP	D040, F002	234.5
30010	W232733	SLUDGE FROM SERVICES BUILDING SUMP	D040, F002	186.4
30010	W232734	SLUDGE FROM SERVICES BUILDING SUMP	D040, F002	110.2

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5198

**FFCACT SITE TREATMENT PLAN FY2003
ORGANIC TREATMENT PROJECT**

MEF No	Inv No	MEF Description	EPA Codes	Net Wt (kg)
30010	W232799	SLUDGE FROM SERVICES BUILDING SUMP	D040, F002	151
30010	W232803	SLUDGE FROM SERVICES BUILDING SUMP	D040, F002	157.4
30010	W232941	SLUDGE FROM SERVICES BUILDING SUMP	D040, F002	171
30010	W233031	SLUDGE FROM SERVICES BUILDING SUMP	D040, F002	240.4
30033	W234259	CONTAMINATED SOLVENT - TRICHLOR, PERCHLOR	D001, F002, F003, F005	146.5
30033	W234306	CONTAMINATED SOLVENT - TRICHLOR, PERCHLOR	D001, F002, F003, F005	239
30033	W234651	CONTAMINATED SOLVENT - TRICHLOR, PERCHLOR	D001, F002, F003, F005	202.3
30033	W234691	CONTAMINATED SOLVENT - TRICHLOR, PERCHLOR	D001, F002, F003, F005	205
30037	W230931	PROCESS RESIDUES, TRAILER CAKES, SLURRIES, RAFFINATES	D039	4.1
30037	W234652	PROCESS RESIDUES, TRAILER CAKES, SLURRIES, RAFFINATES	D039	135.2
30037	W234697	PROCESS RESIDUES, TRAILER CAKES, SLURRIES, RAFFINATES	D039	114.3
30037	W234700	PROCESS RESIDUES, TRAILER CAKES, SLURRIES, RAFFINATES	D039	76.2
30037	W234708	PROCESS RESIDUES, TRAILER CAKES, SLURRIES, RAFFINATES	D039	146.5
30042	W230987	WET SUMP OR FILTER CAKE - NON-OILY, NON-HALIDE	D039	.5
30042	W234729	WET SUMP OR FILTER CAKE - NON-OILY, NON-HALIDE	D039	98.9
30042	W234761	WET SUMP OR FILTER CAKE - NON-OILY, NON-HALIDE	D039	59.4
30042	W234804	WET SUMP OR FILTER CAKE - NON-OILY, NON-HALIDE	D039	248.6
30045	W228544	OILY SLUDGES, HIGH FREE METAL	D001, D039, D040	194.6
30045	W228552	OILY SLUDGES, HIGH FREE METAL	D001, D039, D040	146.1
30045	W228553	OILY SLUDGES, HIGH FREE METAL	D001, D039, D040	155.1
30045	W228557	OILY SLUDGES, HIGH FREE METAL	D001, D039, D040	165.6
30045	W228573	OILY SLUDGES, HIGH FREE METAL	D001, D039, D040	125.6
30045	W228581	OILY SLUDGES, HIGH FREE METAL	D001, D039, D040	74.4

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5198

**FFCACT SITE TREATMENT PLAN FY2003
ORGANIC TREATMENT PROJECT**

MEF No	Inv No	MEF Description	EPA Codes	Net Wt (kg)
30045	W228588	OILY SLUDGES, HIGH FREE METAL	D001, D039, D040	128.4
30045	W232927	OILY SLUDGES, HIGH FREE METAL	D001, D039, D040	93.4
30045	W232929	OILY SLUDGES, HIGH FREE METAL	D001, D039, D040	125.6
30045	W232933	OILY SLUDGES, HIGH FREE METAL	D001, D039, D040	171.5
30045	W232935	OILY SLUDGES, HIGH FREE METAL	D001, D039, D040	121.1
30045	W232937	OILY SLUDGES, HIGH FREE METAL	D001, D039, D040	81.6
30045	W232942	OILY SLUDGES, HIGH FREE METAL	D001, D039, D040	110.2
30045	W232943	OILY SLUDGES, HIGH FREE METAL	D001, D039, D040	146.1
30045	W232958	OILY SLUDGES, HIGH FREE METAL	D001, D039, D040	79.4
30045	W232992	OILY SLUDGES, HIGH FREE METAL	D001, D039, D040	144.7
30045	W232999	OILY SLUDGES, HIGH FREE METAL	D001, D039, D040	111.1
30045	W233000	OILY SLUDGES, HIGH FREE METAL	D001, D039, D040	121.6
30045	W233001	OILY SLUDGES, HIGH FREE METAL	D001, D039, D040	123.8
30045	W233006	OILY SLUDGES, HIGH FREE METAL	D001, D039, D040	191
30045	W233008	OILY SLUDGES, HIGH FREE METAL	D001, D039, D040	134.3
30045	W233016	OILY SLUDGES, HIGH FREE METAL	D001, D039, D040	132.9
30045	W233017	OILY SLUDGES, HIGH FREE METAL	D001, D039, D040	145.6
30045	W233052	OILY SLUDGES, HIGH FREE METAL	D001, D039, D040	137.9
30045	W233054	OILY SLUDGES, HIGH FREE METAL	D001, D039, D040	78.5
30045	W233056	OILY SLUDGES, HIGH FREE METAL	D001, D039, D040	76.7
30046	W189528	NON-OILY CLEANOUT SLUDGES FOR ROASTING	D019, D039	8.6
30046	W230636	NON-OILY CLEANOUT SLUDGES FOR ROASTING	D019, D039	88
30046	W230648	NON-OILY CLEANOUT SLUDGES FOR ROASTING	D019, D039	131.1

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5198

**FFCACT SITE TREATMENT PLAN FY2003
ORGANIC TREATMENT PROJECT**

MEF No	Inv No	MEF Description	EPA Codes	Net Wt (kg)
30046	W230649	NON-OILY CLEANOUT SLUDGES FOR ROASTING	D019, D039	30.8
30046	W230650	NON-OILY CLEANOUT SLUDGES FOR ROASTING	D019, D039	19.5
30046	W230660	NON-OILY CLEANOUT SLUDGES FOR ROASTING	D019, D039	146.1
30046	W230668	NON-OILY CLEANOUT SLUDGES FOR ROASTING	D019, D039	178.7
30046	W232944	NON-OILY CLEANOUT SLUDGES FOR ROASTING	D019, D039	22.7
30046	W233048	NON-OILY CLEANOUT SLUDGES FOR ROASTING	D019, D039	16.3
30046	W233050	NON-OILY CLEANOUT SLUDGES FOR ROASTING	D019, D039	143.3
30046	W233053	NON-OILY CLEANOUT SLUDGES FOR ROASTING	D019, D039	19.1
3008	W212463	VARIOUS LIQUIDS FROM TRANE INCINERATOR HWMU	D008, F002	38.1
3014	W159124	TRANE INCINERATOR PARTS	D008, F002	744.8
3027	W234709	DEBRIS FROM TRANE INCINERATOR DUST COLLECTOR AND BUFFALO DUST COLLECTOR	D008, F002	261.3
3027	W234788	DEBRIS FROM TRANE INCINERATOR DUST COLLECTOR AND BUFFALO DUST COLLECTOR	D008, F002	235.9
3027	W236112	DEBRIS FROM TRANE INCINERATOR DUST COLLECTOR AND BUFFALO DUST COLLECTOR	D008, F002	121.1
3027	W236117	DEBRIS FROM TRANE INCINERATOR DUST COLLECTOR AND BUFFALO DUST COLLECTOR	D008, F002	37.2
3033	W234377	PCB RTAL CONTACT WASTE	F002, F005	11.8
3033	W234878	PCB RTAL CONTACT WASTE	F002, F005	28.6
3033	W234879	PCB RTAL CONTACT WASTE	F002, F005	19.1
3033	W234911	PCB RTAL CONTACT WASTE	F002, F005	66.7
3033	W234912	PCB RTAL CONTACT WASTE	F002, F005	51.7
3036,60116	W234837	USED OIL WASTE DESTINED FOR INCINERATION AT OIL BURNER	D001, D007, D008, D018, D019, D039, D040, F002, F005	176
3037	W234248	LIQUIDS DRAINED FROM PUNCTURED AEROSOL CANS FROM AEROSOL PROJECT	D001, D007, D008, D035	166.5
3037	W234295	LIQUIDS DRAINED FROM PUNCTURED AEROSOL CANS FROM AEROSOL PROJECT	D001, D007, D008, D035	127.5
3037	W234431	LIQUIDS DRAINED FROM PUNCTURED AEROSOL CANS FROM AEROSOL PROJECT	D001, D007, D008, D035	35.8

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5198

**FFCACT SITE TREATMENT PLAN FY2003
ORGANIC TREATMENT PROJECT**

MEF No	Inv No	MEF Description	EPA Codes	Net Wt (kg)
3037	W236053	LIQUIDS DRAINED FROM PUNCTURED AEROSOL CANS FROM AEROSOL PROJECT	D001, D007, D008, D035	25.9
3037	W236085	LIQUIDS DRAINED FROM PUNCTURED AEROSOL CANS FROM AEROSOL PROJECT	D001, D007, D008, D035	147.4
3050	W234817	PAINT WASTE FROM AEROSOL CAN PUNCTURING PROJECT	D008, D035, F002	67.1
3050	W234856	PAINT WASTE FROM AEROSOL CAN PUNCTURING PROJECT	D008, D035, F002	71.7
3052	W234319	LIQUID PAINT IN ONE GALLON CANS FROM LEGACY AEROSOL PROJECT	D001, D006, D007, D008	65.8
3063	W212413	LIQUIDS FROM THE LEGACY LOW LEVEL LIQUIDS PROJECT	D039, F002	24.5
3063	W230600	LIQUIDS FROM THE LEGACY LOW LEVEL LIQUIDS PROJECT	D039, F002	214.1
3063	W230602	LIQUIDS FROM THE LEGACY LOW LEVEL LIQUIDS PROJECT	D039, F002	210.9
3063	W230655	LIQUIDS FROM THE LEGACY LOW LEVEL LIQUIDS PROJECT	D039, F002	186.9
3063	W230664	LIQUIDS FROM THE LEGACY LOW LEVEL LIQUIDS PROJECT	D039, F002	67.1
3063	W233009	LIQUIDS FROM THE LEGACY LOW LEVEL LIQUIDS PROJECT	D039, F002	1.4
3063	W233010	LIQUIDS FROM THE LEGACY LOW LEVEL LIQUIDS PROJECT	D039, F002	.5
3063	W233015	LIQUIDS FROM THE LEGACY LOW LEVEL LIQUIDS PROJECT	D039, F002	1.4
3133	W234693	USED MOTOR OIL	D018	6.4
3133	W234795	USED MOTOR OIL	D018	114.8
3173	W234368	VARIOUS ADHESIVES	D001	43.5
3173	W234881	VARIOUS ADHESIVES	D001	12.2
3173,60070	W234371	CONTAMINATED LUBRICATING OIL	D001, D018, D039	172.4
3178	W230672	TRASH FROM BULKING BATCH 8	F001, F002, F003, F005, U019, U210, U211	42.6
3178	W234768	TRASH FROM BULKING BATCH 8	F001, F002, F003, F005, U019, U210, U211	40.4
3178	W234799	TRASH FROM BULKING BATCH 8	F001, F002, F003, F005, U019, U210, U211	14.1
3178	W234810	TRASH FROM BULKING BATCH 8	F001, F002, F003, F005, U019, U210, U211	20
3178	W234843	TRASH FROM BULKING BATCH 8	F001, F002, F003, F005, U019, U210, U211	15.9

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5198

FFCACT SITE TREATMENT PLAN FY2003

ORGANIC TREATMENT PROJECT

MEF No	Inv No	MEF Description	EPA Codes	Net Wt (kg)
3178	W234844	TRASH FROM BULKING BATCH 8	F001, F002, F003, F005, U019, U210, U211	23.1
3178	W234869	TRASH FROM BULKING BATCH 8	F001, F002, F003, F005, U019, U210, U211	28.1
3180	W228583	OIL SATURATED RAGS FROM LEGACY TRASH SORTING PROJECT - PCB	D001, D006, D007, D008, D009, D010, D018, D019, D021, D035, D039, D040, F002, F003, F005	54.4
3181	W234367	PAINT THINNERS FROM THE LEGACY TRASH SORTING PROJECT	D001, D008, D009, F002, F005	55.3
3181	W234650	PAINT THINNERS FROM THE LEGACY TRASH SORTING PROJECT	D001, D008, D009, F002, F005	66.2
3181	W234830	PAINT THINNERS FROM THE LEGACY TRASH SORTING PROJECT	D001, D008, D009, F002, F005	91.6
3182	W228585	LIQUID PAINTS FROM THE LEGACY TRASH SORTING PROJECT	D001, D006, D007, D008, D035, D043	43.5
3182	W228589	LIQUID PAINTS FROM THE LEGACY TRASH SORTING PROJECT	D001, D006, D007, D008, D035, D043	78.9
3182	W232922	LIQUID PAINTS FROM THE LEGACY TRASH SORTING PROJECT	D001, D006, D007, D008, D035, D043	119.7
3182	W232925	LIQUID PAINTS FROM THE LEGACY TRASH SORTING PROJECT	D001, D006, D007, D008, D035, D043	64.9
3182	W232962	LIQUID PAINTS FROM THE LEGACY TRASH SORTING PROJECT	D001, D006, D007, D008, D035, D043	44.5
3182	W232981	LIQUID PAINTS FROM THE LEGACY TRASH SORTING PROJECT	D001, D006, D007, D008, D035, D043	31.3
3182	W232995	LIQUID PAINTS FROM THE LEGACY TRASH SORTING PROJECT	D001, D006, D007, D008, D035, D043	127.9
3183	W234789	UNEMPTY CANS OF DRIED PAINT FROM THE LEGACY TRASH SORTING PROJECT	D007, D008, D035	60.3
3183	W236119	UNEMPTY CANS OF DRIED PAINT FROM THE LEGACY TRASH SORTING PROJECT	D007, D008, D035	110.2
3190	W206594	SLUDGES FROM T-5/6 HWMU CLOSURE	D022, D028, D029, F001, F002, F003, F005	39
3190	W228389	SLUDGES FROM T-5/6 HWMU CLOSURE	D022, D028, D029, F001, F002, F003, F005	27.7
3190	W228405	SLUDGES FROM T-5/6 HWMU CLOSURE	D022, D028, D029, F001, F002, F003, F005	22.2
3190	W228413	SLUDGES FROM T-5/6 HWMU CLOSURE	D022, D028, D029, F001, F002, F003, F005	5.9
3190	W228421	SLUDGES FROM T-5/6 HWMU CLOSURE	D022, D028, D029, F001, F002, F003, F005	26.3
3190	W228428	SLUDGES FROM T-5/6 HWMU CLOSURE	D022, D028, D029, F001, F002, F003, F005	31.3
3190	W228429	SLUDGES FROM T-5/6 HWMU CLOSURE	D022, D028, D029, F001, F002, F003, F005	9.1
3190	W228440	SLUDGES FROM T-5/6 HWMU CLOSURE	D022, D028, D029, F001, F002, F003, F005	11.8

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5198

**FFCACT SITE TREATMENT PLAN FY2003
ORGANIC TREATMENT PROJECT**

MEF No	Inv No	MEF Description	EPA Codes	Net Wt (kg)
3190	W228442	SLUDGES FROM T-5/6 HWMU CLOSURE	D022, D028, D029, F001, F002, F003, F005	9.1
3190	W228444	SLUDGES FROM T-5/6 HWMU CLOSURE	D022, D028, D029, F001, F002, F003, F005	35.4
3190	W230662	SLUDGES FROM T-5/6 HWMU CLOSURE	D022, D028, D029, F001, F002, F003, F005	14.5
3190	W230675	SLUDGES FROM T-5/6 HWMU CLOSURE	D022, D028, D029, F001, F002, F003, F005	19.1
3190	W235032	SLUDGES FROM T-5/6 HWMU CLOSURE	D022, D028, D029, F001, F002, F003, F005	47.6
3204	W234369	LIQUID PAINT FROM BLDG. 71	D001, D006, D007, D008	31.3
3205	W234293	ADHESIVES FROM BLDG. 71	D001	12.7
3238	W234740	ROLLER INK	D001	89.4
3238	W234800	ROLLER INK	D001	141.5
3238	W236086	ROLLER INK	D001	24.9
3244	W234221	RCRA HAZARDOUS ADHESIVES	D001, D035	285.8
3244	W234418	RCRA HAZARDOUS ADHESIVES	D001, D035	109.8
3244	W234424	RCRA HAZARDOUS ADHESIVES	D001, D035	15
3293	W235906	CUMENE HYDROPEROXIDE	U096	.5
3370	W230619	TH CONTAMINATED LIQUID PAINT	D001	61.2
3415	W234688	DECANT WATER FROM THE DRUM CRUSHER IN PLT 6	D018	257.6
3415	W234723	DECANT WATER FROM THE DRUM CRUSHER IN PLT 6	D018	64
3596	W228427	OIL / SLUDGE FROM PLANT 6	D008	32.7
3596	W230609	OIL / SLUDGE FROM PLANT 6	D008	15.4
3596	W230640	OIL / SLUDGE FROM PLANT 6	D008	93.4
3596	W230717	OIL / SLUDGE FROM PLANT 6	D008	65.3
3596	W230718	OIL / SLUDGE FROM PLANT 6	D008	84.8
3596	W234395	OIL / SLUDGE FROM PLANT 6	D008	62.6

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5198

**FFCACT SITE TREATMENT PLAN FY2003
ORGANIC TREATMENT PROJECT**

MEF No	Inv No	MEF Description	EPA Codes	Net Wt (kg)
3610	W184876	USED OIL - PLANT 6 ROLLING MILL	D008	42.6
3610	W197465	USED OIL - PLANT 6 ROLLING MILL	D008	52.6
3610	W197466	USED OIL - PLANT 6 ROLLING MILL	D008	54.4
3610	W197494	USED OIL - PLANT 6 ROLLING MILL	D008	73.9
3610	W228477	USED OIL - PLANT 6 ROLLING MILL	D008	39.9
3610	W228489	USED OIL - PLANT 6 ROLLING MILL	D008	129.3
3610	W228531	USED OIL - PLANT 6 ROLLING MILL	D008	185.1
3610	W230638	USED OIL - PLANT 6 ROLLING MILL	D008	205
3610	W230690	USED OIL - PLANT 6 ROLLING MILL	D008	164.2
3610	W230696	USED OIL - PLANT 6 ROLLING MILL	D008	80.3
3610	W234394	USED OIL - PLANT 6 ROLLING MILL	D008	15
3734	W234787	BULKING PROJECT CONTACT WASTE	F001, F002, F003, F005	27.2
3734	W234876	BULKING PROJECT CONTACT WASTE	F001, F002, F003, F005	52.2
3734	W234877	BULKING PROJECT CONTACT WASTE	F001, F002, F003, F005	14.5
3768	W221383	OILS APPROVED FOR BULKING - NO PCBS	D001, D004, D005, D006, D007, D008, D009, D010, D011, D012, D013, D014, D015, D018, D019, D020, D021, D022, D023, D024, D025, D026, D028, D029, D030, D031, D033, D034, D035, D036, D037, D038, D039, D040, D042, D043, F002, F003, F005, P041, U080, U096, U220	9.5
3768	W234391	OILS APPROVED FOR BULKING - NO PCBS	D001, D004, D005, D006, D007, D008, D009, D010, D011, D012, D013, D014, D015, D018, D019, D020, D021, D022, D023, D024, D025, D026, D028, D029, D030, D031, D033, D034, D035, D036, D037, D038, D039, D040, D042, D043, F002, F003, F005, P041, U080, U096, U220	172.4
3769	W234206	SLUDGES FROM BATCH 8 - PCB	D001, D008, D018, D019, D022, D027, D028, D029, D030, D032, D033, D034, D036, D038, D039, D040, D042, D043, F001, F002, F003, F005, U019, U210, U211	10
3769	W234212	SLUDGES FROM BATCH 8 - PCB	D001, D008, D018, D019, D022, D027, D028, D029, D030, D032, D033, D034, D036, D038, D039, D040, D042, D043, F001, F002, F003, F005, U019, U210, U211	21.8
3794	W234392	TSCA BATCH 10-CONTACT WASTE	F001, F002	42.2

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**FFCACT SITE TREATMENT PLAN FY2003
ORGANIC TREATMENT PROJECT**

MEF No	Inv No	MEF Description	EPA Codes	Net Wt (kg)
3794	W234429	TSCA BATCH 10-CONTACT WASTE	F001, F002	23.6
3794	W234772	TSCA BATCH 10-CONTACT WASTE	F001, F002	54.4
3794	W234793	TSCA BATCH 10-CONTACT WASTE	F001, F002	20.4
3795	W214782	LEAD & ASBESTOS CONTAMINATED LIQUID & DEBRIS	D008	66.9
3795	W224915	LEAD & ASBESTOS CONTAMINATED LIQUID & DEBRIS	D008	66.9
3795	W228488	LEAD & ASBESTOS CONTAMINATED LIQUID & DEBRIS	D008	76.7
3795	W228520	LEAD & ASBESTOS CONTAMINATED LIQUID & DEBRIS	D008	66.7
3795	W228542	LEAD & ASBESTOS CONTAMINATED LIQUID & DEBRIS	D008	69.4
3795	W228550	LEAD & ASBESTOS CONTAMINATED LIQUID & DEBRIS	D008	60.8
3795	W228551	LEAD & ASBESTOS CONTAMINATED LIQUID & DEBRIS	D008	78.5
3795	W228554	LEAD & ASBESTOS CONTAMINATED LIQUID & DEBRIS	D008	63
3795	W228565	LEAD & ASBESTOS CONTAMINATED LIQUID & DEBRIS	D008	65.3
3795	W228570	LEAD & ASBESTOS CONTAMINATED LIQUID & DEBRIS	D008	57.6
3795	W228571	LEAD & ASBESTOS CONTAMINATED LIQUID & DEBRIS	D008	73
3795	W228579	LEAD & ASBESTOS CONTAMINATED LIQUID & DEBRIS	D008	73
3795	W228587	LEAD & ASBESTOS CONTAMINATED LIQUID & DEBRIS	D008	54
3795	W230912	LEAD & ASBESTOS CONTAMINATED LIQUID & DEBRIS	D008	66.9
3795	W230913	LEAD & ASBESTOS CONTAMINATED LIQUID & DEBRIS	D008	66.9
380	W234695	ABSORBENT PADS, RAGS AND GLOVES	D039, F002	5.9
3800	W234712	METHANOL CONTACT WASTE	U154	27.7
3826	W236120	INCINERABLE LIQUIDS FROM LEGACY CHEMICAL PROJECT	D001, D005, D035, U002, U159, U220, U239	5.9
386	W234730	FLOOR SUMP CLEANOUT SLUDGE	D018, D019, D039, D040	254.9
386	W234820	FLOOR SUMP CLEANOUT SLUDGE	D018, D019, D039, D040	276.7

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**FFCACT SITE TREATMENT PLAN FY2003
ORGANIC TREATMENT PROJECT**

MEF No	Inv No	MEF Description	EPA Codes	Net Wt (kg)
434	W236196	SOLIDS CONTAMINATED BY LAB SAMPLES & MATERIALS	F003	10
459	W228567	PAINT	D001, F001, F002	156.5
460	W234670	OIL & SOLVENT PCB SAMPLES	D006, D007, D008, F002	11.3
479	W234271	USED PAINT THINNER	D001, D008, D035, F003, F005	31.8
479	W234289	USED PAINT THINNER	D001, D008, D035, F003, F005	221.4
479	W234308	USED PAINT THINNER	D001, D008, D035, F003, F005	43.5
479,3205	W234370	ADHESIVES FROM BLDG. 71	D001, D008, D035, F003, F005	156.9
50036	W236102	BOX FURNACE ASH	D007, F002	78.5
50072	W234428	CONTAMINATED SUMP WATER AND HYDRAULIC OIL	D001, D008, D019, D039, D040	288.9
50085	W159420	WET SUMP CAKE, NON-OILY/HALIDE FROM UNKNOWN SOURCE	D001, D039, D040	21.3
50085	W234275	WET SUMP CAKE, NON-OILY/HALIDE FROM UNKNOWN SOURCE	D001, D039, D040	64
50109	W230919	NON-OILY OXIDATION SLUDGES WITH HIGH OR LOW FREE METAL	D004, D006, D007, D008, D010, D019, D039, D040	14.1
50109	W234245	NON-OILY OXIDATION SLUDGES WITH HIGH OR LOW FREE METAL	D004, D006, D007, D008, D010, D019, D039, D040	94.3
50109	W234246	NON-OILY OXIDATION SLUDGES WITH HIGH OR LOW FREE METAL	D004, D006, D007, D008, D010, D019, D039, D040	83
50109	W234247	NON-OILY OXIDATION SLUDGES WITH HIGH OR LOW FREE METAL	D004, D006, D007, D008, D010, D019, D039, D040	58.1
50109	W234378	NON-OILY OXIDATION SLUDGES WITH HIGH OR LOW FREE METAL	D004, D006, D007, D008, D010, D019, D039, D040	192.3
50109	W234433	NON-OILY OXIDATION SLUDGES WITH HIGH OR LOW FREE METAL	D004, D006, D007, D008, D010, D019, D039, D040	67.1
50109	W234637	NON-OILY OXIDATION SLUDGES WITH HIGH OR LOW FREE METAL	D004, D006, D007, D008, D010, D019, D039, D040	109.3
50109	W234643	NON-OILY OXIDATION SLUDGES WITH HIGH OR LOW FREE METAL	D004, D006, D007, D008, D010, D019, D039, D040	107
50109	W234649	NON-OILY OXIDATION SLUDGES WITH HIGH OR LOW FREE METAL	D004, D006, D007, D008, D010, D019, D039, D040	97.5
50109	W234675	NON-OILY OXIDATION SLUDGES WITH HIGH OR LOW FREE METAL	D004, D006, D007, D008, D010, D019, D039, D040	128.4
50109	W234687	NON-OILY OXIDATION SLUDGES WITH HIGH OR LOW FREE METAL	D004, D006, D007, D008, D010, D019, D039, D040	113.4
50109	W234689	NON-OILY OXIDATION SLUDGES WITH HIGH OR LOW FREE METAL	D004, D006, D007, D008, D010, D019, D039, D040	129.7

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5198

**FFCACT SITE TREATMENT PLAN FY2003
ORGANIC TREATMENT PROJECT**

MEF No	Inv No	MEF Description	EPA Codes	Net Wt (kg)
50109	W234713	NON-OILY OXIDATION SLUDGES WITH HIGH OR LOW FREE METAL	D004, D006, D007, D008, D010, D019, D039, D040	135.6
50109	W234715	NON-OILY OXIDATION SLUDGES WITH HIGH OR LOW FREE METAL	D004, D006, D007, D008, D010, D019, D039, D040	129.7
50109	W234720	NON-OILY OXIDATION SLUDGES WITH HIGH OR LOW FREE METAL	D004, D006, D007, D008, D010, D019, D039, D040	40.4
50109	W234722	NON-OILY OXIDATION SLUDGES WITH HIGH OR LOW FREE METAL	D004, D006, D007, D008, D010, D019, D039, D040	257.2
50109	W234747	NON-OILY OXIDATION SLUDGES WITH HIGH OR LOW FREE METAL	D004, D006, D007, D008, D010, D019, D039, D040	28.6
50109	W234748	NON-OILY OXIDATION SLUDGES WITH HIGH OR LOW FREE METAL	D004, D006, D007, D008, D010, D019, D039, D040	4.5
50109	W234775	NON-OILY OXIDATION SLUDGES WITH HIGH OR LOW FREE METAL	D004, D006, D007, D008, D010, D019, D039, D040	86.6
50109	W234780	NON-OILY OXIDATION SLUDGES WITH HIGH OR LOW FREE METAL	D004, D006, D007, D008, D010, D019, D039, D040	108
50109	W234783	NON-OILY OXIDATION SLUDGES WITH HIGH OR LOW FREE METAL	D004, D006, D007, D008, D010, D019, D039, D040	126.6
50109	W234784	NON-OILY OXIDATION SLUDGES WITH HIGH OR LOW FREE METAL	D004, D006, D007, D008, D010, D019, D039, D040	83.9
50109	W234821	NON-OILY OXIDATION SLUDGES WITH HIGH OR LOW FREE METAL	D004, D006, D007, D008, D010, D019, D039, D040	68.5
50109	W234840	NON-OILY OXIDATION SLUDGES WITH HIGH OR LOW FREE METAL	D004, D006, D007, D008, D010, D019, D039, D040	98.9
50109	W234875	NON-OILY OXIDATION SLUDGES WITH HIGH OR LOW FREE METAL	D004, D006, D007, D008, D010, D019, D039, D040	14.1
50200	W230653	OILY SLUDGE FOR OXIDATION	D001, F001	68.9
50200	W230667	OILY SLUDGE FOR OXIDATION	D001, F001	134.3
50200	W232926	OILY SLUDGE FOR OXIDATION	D001, F001	115.2
50200	W232934	OILY SLUDGE FOR OXIDATION	D001, F001	224.5
50200	W232936	OILY SLUDGE FOR OXIDATION	D001, F001	137.4
50200	W232946	OILY SLUDGE FOR OXIDATION	D001, F001	162.8
50200	W233002	OILY SLUDGE FOR OXIDATION	D001, F001	43.1
50200	W233004	OILY SLUDGE FOR OXIDATION	D001, F001	111.6
50200	W233055	OILY SLUDGE FOR OXIDATION	D001, F001	90.3
50339	W232932	SLUDGES, OILY, FOR OXIDATION, HIGH FREE METAL	D001, D019	122

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5198

**FFCACT SITE TREATMENT PLAN FY2003
ORGANIC TREATMENT PROJECT**

MEF No	Inv No	MEF Description	EPA Codes	Net Wt (kg)
50339	W232939	SLUDGES, OILY, FOR OXIDATION, HIGH FREE METAL	D001, D019	104.3
50339	W232945	SLUDGES, OILY, FOR OXIDATION, HIGH FREE METAL	D001, D019	12.7
50339	W232953	SLUDGES, OILY, FOR OXIDATION, HIGH FREE METAL	D001, D019	16.3
50339	W232955	SLUDGES, OILY, FOR OXIDATION, HIGH FREE METAL	D001, D019	134.3
50339	W232982	SLUDGES, OILY, FOR OXIDATION, HIGH FREE METAL	D001, D019	133.8
50339	W232993	SLUDGES, OILY, FOR OXIDATION, HIGH FREE METAL	D001, D019	117.5
50339	W232994	SLUDGES, OILY, FOR OXIDATION, HIGH FREE METAL	D001, D019	100.7
50339	W233007	SLUDGES, OILY, FOR OXIDATION, HIGH FREE METAL	D001, D019	163.7
50339	W233044	SLUDGES, OILY, FOR OXIDATION, HIGH FREE METAL	D001, D019	159.7
50339	W233047	SLUDGES, OILY, FOR OXIDATION, HIGH FREE METAL	D001, D019	174.6
50339	W233049	SLUDGES, OILY, FOR OXIDATION, HIGH FREE METAL	D001, D019	104.8
50339	W233057	SLUDGES, OILY, FOR OXIDATION, HIGH FREE METAL	D001, D019	111.1
507	W236000	CONTAMINATED SOLVENT GENERATED IN THE PILOT PLANT. (MEK)	D001, D035	1.4
514	W055658	PAINT WASTE FROM PAINTING BOOTH	D001, D007, D008, F002, F003, F005	200.9
514	W055712	PAINT WASTE FROM PAINTING BOOTH	D001, D007, D008, F002, F003, F005	204.6
514	W207824	PAINT WASTE FROM PAINTING BOOTH	D001, D007, D008, F002, F003, F005	118.4
514	W215055	PAINT WASTE FROM PAINTING BOOTH	D001, D007, D008, F002, F003, F005	203.7
514	W233033	PAINT WASTE FROM PAINTING BOOTH	D001, D007, D008, F002, F003, F005	98.9
514	W233034	PAINT WASTE FROM PAINTING BOOTH	D001, D007, D008, F002, F003, F005	41.7
514	W233036	PAINT WASTE FROM PAINTING BOOTH	D001, D007, D008, F002, F003, F005	240.4
514	W236037	PAINT WASTE FROM PAINTING BOOTH	D001, D007, D008, F002, F003, F005	1.8
533	W234771	PAINT: GRAY EPOXY	D001, D006	124.3
538	W230616	BORING # 1508	F002, F005	269.4

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**FFCACT SITE TREATMENT PLAN FY2003
ORGANIC TREATMENT PROJECT**

MEF No	Inv No	MEF Description	EPA Codes	Net Wt (kg)
538	W230617	BORING # 1508	F002, F005	273.1
538	W230618	BORING # 1508	F002, F005	310.3
538	W230620	BORING # 1508	F002, F005	268.1
538	W230621	BORING # 1508	F002, F005	282.1
538	W230623	BORING # 1508	F002, F005	167.4
538	W230624	BORING # 1508	F002, F005	340.2
538	W230626	BORING # 1508	F002, F005	215.5
538	W234842	BORING # 1508	F002, F005	20.4
538	W234865	BORING # 1508	F002, F005	9.1
584	W236121	KEROSENE (DIESEL FUEL)/SLUDGE/WATER FROM UST #3	D001, D018	31.3
60013	W234297	OFF-SPEC. PAINT	D001	2.7
60019	W230988	NONRECOVERABLE TRASH	F002	.5
60027	W234286	CONTAMINATED SOLUBLE OIL	D001, D018	101.6
60027	W234300	CONTAMINATED SOLUBLE OIL	D001, D018	6.8
60033	W234644	CONTAMINATED WATER, NON-CHLORIDE	D018, D019, D021, D035, D039, D040	17.7
60033	W234733	CONTAMINATED WATER, NON-CHLORIDE	D018, D019, D021, D035, D039, D040	5
60033	W234816	CONTAMINATED WATER, NON-CHLORIDE	D018, D019, D021, D035, D039, D040	261.3
60033	W234826	CONTAMINATED WATER, NON-CHLORIDE	D018, D019, D021, D035, D039, D040	10.9
60039	W234310	CONTAMINATED SOLVENTS	D001, D018	29.5
60051	W230635	SOLVENTS & FILTER MATERIAL	F002	246.3
60051	W232719	SOLVENTS & FILTER MATERIAL	F002	191.4
60051	W232720	SOLVENTS & FILTER MATERIAL	F002	124.3
60051	W232736	SOLVENTS & FILTER MATERIAL	F002	81.2

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**FFCACT SITE TREATMENT PLAN FY2003
ORGANIC TREATMENT PROJECT**

MEF No	Inv No	MEF Description	EPA Codes	Net Wt (kg)
60051	W232788	SOLVENTS & FILTER MATERIAL	F002	97.1
60051	W232800	SOLVENTS & FILTER MATERIAL	F002	78.5
60051	W232801	SOLVENTS & FILTER MATERIAL	F002	174.2
60051	W232802	SOLVENTS & FILTER MATERIAL	F002	77.6
60051	W232808	SOLVENTS & FILTER MATERIAL	F002	183.3
60051	W232894	SOLVENTS & FILTER MATERIAL	F002	7.7
60051	W232899	SOLVENTS & FILTER MATERIAL	F002	160.1
60051	W232900	SOLVENTS & FILTER MATERIAL	F002	114.3
60056	W230198	USED CHLORINATED SOLVENT MIXTURE	D001, D007, D008, D009, D039, F002	146.5
60056	W234200	USED CHLORINATED SOLVENT MIXTURE	D001, D007, D008, D009, D039, F002	188.2
60056	W234203	USED CHLORINATED SOLVENT MIXTURE	D001, D007, D008, D009, D039, F002	232.7
60056	W234209	USED CHLORINATED SOLVENT MIXTURE	D001, D007, D008, D009, D039, F002	234.5
60056	W234211	USED CHLORINATED SOLVENT MIXTURE	D001, D007, D008, D009, D039, F002	171.9
60056	W234269	USED CHLORINATED SOLVENT MIXTURE	D001, D007, D008, D009, D039, F002	189.1
60056	W234278	USED CHLORINATED SOLVENT MIXTURE	D001, D007, D008, D009, D039, F002	379.2
60056	W234284	USED CHLORINATED SOLVENT MIXTURE	D001, D007, D008, D009, D039, F002	142
60056	W234298	USED CHLORINATED SOLVENT MIXTURE	D001, D007, D008, D009, D039, F002	305.7
60056	W234307	USED CHLORINATED SOLVENT MIXTURE	D001, D007, D008, D009, D039, F002	95.7
60056	W234309	USED CHLORINATED SOLVENT MIXTURE	D001, D007, D008, D009, D039, F002	220
60056	W234312	USED CHLORINATED SOLVENT MIXTURE	D001, D007, D008, D009, D039, F002	215.9
60056	W234390	USED CHLORINATED SOLVENT MIXTURE	D001, D007, D008, D009, D039, F002	169.6
60056	W234444	USED CHLORINATED SOLVENT MIXTURE	D001, D007, D008, D009, D039, F002	203.2
60056	W234770	USED CHLORINATED SOLVENT MIXTURE	D001, D007, D008, D009, D039, F002	148.3

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**FFCACT SITE TREATMENT PLAN FY2003
ORGANIC TREATMENT PROJECT**

MEF No	Inv No	MEF Description	EPA Codes	Net Wt (kg)
60058	W233003	WASTE SOLVENT FROM BOILER PLANT	D001, D008, F002	182.3
60058	W500059	WASTE SOLVENT FROM BOILER PLANT	D001, D008, F002	138.8
60058	W500462	WASTE SOLVENT FROM BOILER PLANT	D001, D008, F002	15
60059	W234302	USED 1,1,1 TRICHLOROETHANE MIXTURE	D001, D008, F002	21.3
60060	W234427	ORGANIC SOLVENT MIXTURE FROM PLANT 8 MAINTENANCE	D001, D008, D009, F002	66.7
60069	W234654	CONTAMINATED INSOLUBLE OIL	D008, F001	271.3
60069	W234737	CONTAMINATED INSOLUBLE OIL	D008, F001	109.3
60070	W234190	CONTAMINATED LUBRICATING OIL	D018, D039	129.3
60072	W234724	SOLVENT CONTAMINATED WASTE OIL	D008, F002	180.1
60072	W234746	SOLVENT CONTAMINATED WASTE OIL	D008, F002	160.6
60072	W234749	SOLVENT CONTAMINATED WASTE OIL	D008, F002	135.6
60076	W230601	CONTAMINATED INSOLUBLE OIL	D001, D008, D009, F002	226.8
60076	W234373	CONTAMINATED INSOLUBLE OIL	D001, D008, D009, F002	149.2
60076	W234374	CONTAMINATED INSOLUBLE OIL	D001, D008, D009, F002	80.7
60076	W234416	CONTAMINATED INSOLUBLE OIL	D001, D008, D009, F002	45.8
60080	W234321	CONTAMINATED INSOLUBLE OIL FROM MAINTENANCE - GENERAL	D001, D007, D008, D019, D040, F002	211.4
60084	W234173	USED, CONTAMINATED MACHINE AND ENGINE OIL	D001, D008, D010, F002	152.9
60084	W234174	USED, CONTAMINATED MACHINE AND ENGINE OIL	D001, D008, D010, F002	136.5
60084	W234197	USED, CONTAMINATED MACHINE AND ENGINE OIL	D001, D008, D010, F002	253.6
60084	W234205	USED, CONTAMINATED MACHINE AND ENGINE OIL	D001, D008, D010, F002	195.5
60084	W234213	USED, CONTAMINATED MACHINE AND ENGINE OIL	D001, D008, D010, F002	264.4
60084	W234288	USED, CONTAMINATED MACHINE AND ENGINE OIL	D001, D008, D010, F002	230.9
60084	W234291	USED, CONTAMINATED MACHINE AND ENGINE OIL	D001, D008, D010, F002	84.4

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FFCACT SITE TREATMENT PLAN FY2003 ORGANIC TREATMENT PROJECT

MEF No	Inv No	MEF Description	EPA Codes	Net Wt (kg)
60084	W234292	USED, CONTAMINATED MACHINE AND ENGINE OIL	D001, D008, D010, F002	228.6
60084	W234765	USED, CONTAMINATED MACHINE AND ENGINE OIL	D001, D008, D010, F002	159.7
60085	W234187	WASTE OIL FROM PLANT 8 MAINTENACE	D001, D005, D006, D007, D008, D010, F002	134.3
60085	W234198	WASTE OIL FROM PLANT 8 MAINTENACE	D001, D005, D006, D007, D008, D010, F002	216.4
60085	W234214	WASTE OIL FROM PLANT 8 MAINTENACE	D001, D005, D006, D007, D008, D010, F002	163.3
60085	W234290	WASTE OIL FROM PLANT 8 MAINTENACE	D001, D005, D006, D007, D008, D010, F002	24
60085	W234320	WASTE OIL FROM PLANT 8 MAINTENACE	D001, D005, D006, D007, D008, D010, F002	200.9
60085	W234372	WASTE OIL FROM PLANT 8 MAINTENACE	D001, D005, D006, D007, D008, D010, F002	199.1
60085	W234389	WASTE OIL FROM PLANT 8 MAINTENACE	D001, D005, D006, D007, D008, D010, F002	169.6
60087	W234202	USED OIL CONTAMINATED WITH SOLVENTS	D001, D008, D039, F002	114.8
60094	W229030	TBP/KEROSENE FROM PLANT 2/3 EXTRACTION	D008, D018, D019, D039, D040	34
60094	W229167	TBP/KEROSENE FROM PLANT 2/3 EXTRACTION	D008, D018, D019, D039, D040	118.4
60094	W234801	TBP/KEROSENE FROM PLANT 2/3 EXTRACTION	D008, D018, D019, D039, D040	68.5
60094	W234805	TBP/KEROSENE FROM PLANT 2/3 EXTRACTION	D008, D018, D019, D039, D040	137
60094	W234809	TBP/KEROSENE FROM PLANT 2/3 EXTRACTION	D008, D018, D019, D039, D040	152.9
60094	W234811	TBP/KEROSENE FROM PLANT 2/3 EXTRACTION	D008, D018, D019, D039, D040	122
60094	W234836	TBP/KEROSENE FROM PLANT 2/3 EXTRACTION	D008, D018, D019, D039, D040	103
60094	W234846	TBP/KEROSENE FROM PLANT 2/3 EXTRACTION	D008, D018, D019, D039, D040	173.3
60094	W234899	TBP/KEROSENE FROM PLANT 2/3 EXTRACTION	D008, D018, D019, D039, D040	243.1
60094	W234900	TBP/KEROSENE FROM PLANT 2/3 EXTRACTION	D008, D018, D019, D039, D040	174.2
60094	W234910	TBP/KEROSENE FROM PLANT 2/3 EXTRACTION	D008, D018, D019, D039, D040	220.9
60103	W234769	CONTAMINATED BURNABLE TRASH	D018, D019, D039, D040	121.6
60116	W234743	USED OIL WASTE DESTINED FOR INCINERATION AT OIL BURNER	D001, D007, D008, D018, D019, D039, D040	96.2

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**FFCACT SITE TREATMENT PLAN FY2003
ORGANIC TREATMENT PROJECT**

MEF No	Inv No	MEF Description	EPA Codes	Net Wt (kg)
60119	W234189	SLUDGES, OILY, FOR OXIDATION HIGH FREE METAL	D001, F001, F002	302.5
60119	W234250	SLUDGES, OILY, FOR OXIDATION HIGH FREE METAL	D001, F001, F002	316.6
60119	W234301	SLUDGES, OILY, FOR OXIDATION HIGH FREE METAL	D001, F001, F002	275.8
60120	W184282	NON-OILY SEMISOLIDS	D001	106.1
60120	W184888	NON-OILY SEMISOLIDS	D001	238.1
60120	W184889	NON-OILY SEMISOLIDS	D001	292.1
60120	W201543	NON-OILY SEMISOLIDS	D001	292.6
60120	W234841	NON-OILY SEMISOLIDS	D001	206.8
60120	W504257	NON-OILY SEMISOLIDS	D001	169.2
60120	W504259	NON-OILY SEMISOLIDS	D001	424.6
60120	W504436	NON-OILY SEMISOLIDS	D001	274.9
60120	W504547	NON-OILY SEMISOLIDS	D001	194.6
60122	W234388	PILOT PLANT TBP EXTRACTION SLUDGES	D001	324.8
60124	W234642	PAINT THINNERS AND PAINT RESIDUES	D009, D018, D035	42.6
60148	W234692	ROTEXED U3O8 FURNACE PRODUCT	F002	63.5
60303	W151594	CONTAMINATED BURNABLE TRASH	D005, D039	313.9
60303	W151598	CONTAMINATED BURNABLE TRASH	D005, D039	289.4
60303	W151909	CONTAMINATED BURNABLE TRASH	D005, D039	61.7
60303	W228445	CONTAMINATED BURNABLE TRASH	D005, D039	54
60303	W230608	CONTAMINATED BURNABLE TRASH	D005, D039	51.7
60303	W232768	CONTAMINATED BURNABLE TRASH	D005, D039	232.7
60303	W232769	CONTAMINATED BURNABLE TRASH	D005, D039	53.5
60303	W232774	CONTAMINATED BURNABLE TRASH	D005, D039	59.9

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**FFCACT SITE TREATMENT PLAN FY2003
ORGANIC TREATMENT PROJECT**

MEF No	Inv No	MEF Description	EPA Codes	Net Wt (kg)
60303	W232778	CONTAMINATED BURNABLE TRASH	D005, D039	49.4
60303	W232782	CONTAMINATED BURNABLE TRASH	D005, D039	55.3
60315	W230925	MISCELLANEOUS MATERIAL	D005, D009	.5
60329	W234707	SOLVENT SEMI-SOLID	D018, D019, D020, D029, D039, D040	156
60329	W234764	SOLVENT SEMI-SOLID	D018, D019, D020, D029, D039, D040	225.9
60329	W234806	SOLVENT SEMI-SOLID	D018, D019, D020, D029, D039, D040	109.3
60329	W234861	SOLVENT SEMI-SOLID	D018, D019, D020, D029, D039, D040	112.5
60329	W235941	SOLVENT SEMI-SOLID	D018, D019, D020, D029, D039, D040	4.1
61003	W235961	OILY RAGS, GLOVES	F002	7.7
633	W209881	OIL FROM UNKNOWN GENERATION SOURCE	D007, D008, D009	77.6
633	W212422	OIL FROM UNKNOWN GENERATION SOURCE	D007, D008, D009	43.1
633	W222705	OIL FROM UNKNOWN GENERATION SOURCE	D007, D008, D009	158.3
633	W228517	OIL FROM UNKNOWN GENERATION SOURCE	D007, D008, D009	2.7
633	W230689	OIL FROM UNKNOWN GENERATION SOURCE	D007, D008, D009	61.7
633	W230697	OIL FROM UNKNOWN GENERATION SOURCE	D007, D008, D009	38.1
633	W234393	OIL FROM UNKNOWN GENERATION SOURCE	D007, D008, D009	65.8
661	W234813	BORING # 1594 - FROM NORTHWEST CORNER BLDG. 12	F002	215.9

ORGANIC TREATMENT PROJECT 94901.5
Total Inventory: 740
Total Net Wt (kg): 94901.5

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APPENDIX E

Inorganic Treatment Project Inventory

**FFCACT SITE TREATMENT PLAN FY2003
INORGANIC TREATMENT PROJECT**

MEF No	Inv No	MEF Description	EPA Codes	Net Wt (kg)
10025	W236205	CONTAMINATED SOIL AND ROCKS	D005	.9
1199	W236208	MERCURY CONTAMINATED FLOOR TILE & PIPE INSULATION	D009	.9
1380	W236045	NON OILY SUMP CLEANOUT MATERIAL FROM PLANT 8 OPERATIONS	D007, D008	1.8
1381	W236047	HIGH LEVEL CLEANING RESIDUES	D006, D011	2.7
1585	W189227	LEAD ACID BATTERY (BROKEN)	D002, D008	186.9
1906	W236206	HF TANK CLEAN-OUT MATERIAL	D007, U134	1.8
2418	W173189	BROKEN GLASS AND OLD FLOURESCENT LIGHT BULBS	D009	111.6
2418	W190673	BROKEN GLASS AND OLD FLOURESCENT LIGHT BULBS	D009	33.6
2724	W235962	MIXED POWDERS	D004, D008, D011	4.5
278	W230985	CONTAMINATED GRAPHITE CARBON	D005, D008	.5
2812	W229898	LEAD & DEBRIS	D008	347.5
2887	W220762	FILTERED SOLIDS, PLANT 4 DECON WATER	D006, D008	4.5
2947	W230920	DISCARDED PROCESS RESIDUES TRAILER CAKES, WASTE SLURRIES, RAFFINATES FROM THE PILOT PLANT	D010	3.6
2975	W234848	SULPHURIC ACID & PIPES	D002	380.6
2975	W234873	SULPHURIC ACID & PIPES	D002	382.8
2975	W234874	SULPHURIC ACID & PIPES	D002	317.1
2976	W186898	CADMIUM COILS	D006	.5
2998	W235946	LEAD & ASBESTOS WIRE INSULATION FROM MSC	D008	.2
30036	W230933	DUST COLLECTOR RESIDUES - HIGH FLUORIDE	D006, D008	.9
3269	W172173	DUST COLLECTOR RESIDUE	D005, D006, D008	19.1
3269	W172199	DUST COLLECTOR RESIDUE	D005, D006, D008	49.9
3355	W230934	SUMP SLUDGE FROM PLANT 7	D006, D008	2.3
3408	W234864	NEUTRALIZED SULFURIC ACID WASTES - RAGS & SORBENT MATERIALS	D005, D006, D007, D008	174.6

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**FFCACT SITE TREATMENT PLAN FY2003
INORGANIC TREATMENT PROJECT**

MEF No	Inv No	MEF Description	EPA Codes	Net Wt (kg)
3767	W235931	OILY SLUDGE FROM BUILDING 12 D&D	D008, D009, D010	1.8
3795	W090885	LEAD & ASBESTOS CONTAMINATED LIQUID & DEBRIS	D008	1407.5
3799	W185705	NON-EXCLUDED SILO PROJECT MATERIAL	D004, D006, D007, D008, D010	65.8
3799	W185706	NON-EXCLUDED SILO PROJECT MATERIAL	D004, D006, D007, D008, D010	58.1
3799	W185708	NON-EXCLUDED SILO PROJECT MATERIAL	D004, D006, D007, D008, D010	87.5
3799	W220745	NON-EXCLUDED SILO PROJECT MATERIAL	D004, D006, D007, D008, D010	15.9
3799	W220761	NON-EXCLUDED SILO PROJECT MATERIAL	D004, D006, D007, D008, D010	11.8
3799	W230938	NON-EXCLUDED SILO PROJECT MATERIAL	D004, D006, D007, D008, D010	4.1
3799	W235031	NON-EXCLUDED SILO PROJECT MATERIAL	D004, D006, D007, D008, D010	54.4
3822	W230604	LEAD CONTAMINATED WASTE (LIQUIDS, SOLIDS & SLUDGES)	D008	272.2
3822	W230605	LEAD CONTAMINATED WASTE (LIQUIDS, SOLIDS & SLUDGES)	D008	243.6
3822	W230641	LEAD CONTAMINATED WASTE (LIQUIDS, SOLIDS & SLUDGES)	D008	213.6
3822	W230688	LEAD CONTAMINATED WASTE (LIQUIDS, SOLIDS & SLUDGES)	D008	270.3
3822	W230699	LEAD CONTAMINATED WASTE (LIQUIDS, SOLIDS & SLUDGES)	D008	272.2
3822	W230708	LEAD CONTAMINATED WASTE (LIQUIDS, SOLIDS & SLUDGES)	D008	288.9
3822	W234353	LEAD CONTAMINATED WASTE (LIQUIDS, SOLIDS & SLUDGES)	D008	385.6
3842	W184694	SODIUM SULFIDE	D002, D003	101.6
3858	W224923	UNH FROM PLANT 2/3 DENITRATION	D007	94.3
3858	W225337	UNH FROM PLANT 2/3 DENITRATION	D007	10
3859	W234756	MEF #3859 DEBRIS AND SOLIDS CONTAMINATED WITH UNH	D005, D007, D008, D009	21.8
50174	W235929	SALT SLUDGE, CHLORIDE	D007	.5
50387	W235957	SALT SLUDGE, CHLORIDE	D005	.9
60011	W236200	USED FURNACE SALT (NU-SAL)	D007	4.5

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FFCACT SITE TREATMENT PLAN FY2003 INORGANIC TREATMENT PROJECT

MEF No	Inv No	MEF Description	EPA Codes	Net Wt (kg)
60141	W236189	FURNACE SALT	D005	1.1
60302	W230927	GRAPHITE	D005	.2
60304	W235939	CONCRETE, ROCKS, FLOOR SWEEPINGS, TRASH FROM RMI	D005	8.6
60307	W230937	FURNACE SALT, SOLIDIFIED, CHLORIDE (PLANT 8 RECOVERY)	D005, D008	10.4
635	W220555	MERCURY SPILL CLEAN-UP AND SPENT MERCURY BATTERIES	D009	5.9
817	W214809	LEAD BASED PAINT CHIPS	D008	154.2
817	W235958	LEAD BASED PAINT CHIPS	D008	39.7
820,874,15 85	W224963	LEAD ACID BATTERY (BROKEN)	D002, D008	44
874	W227370	LEAD CONTAINING MATERIAL	D008	48.1
874	W229403	LEAD CONTAINING MATERIAL	D008	204.1

INORGANIC TREATMENT PROJECT 6432

Total Inventory: 56
Total Net Wt (kg): 6432

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APPENDIX F

Uranium Waste Disposition (UWD) Materials and T- Hopper Wastes Inventory

FFCACT SITE TREATMENT PLAN FY2003

UWD

MEF No	Inv No	MEF Description	EPA Codes	Net Wt (kg)
10002	W230936	SCRAP SALTS	D005, D008	2.3
1389	W230922	SCRAP U308 FROM OXIDATION FURNACE #1	F002	.5
20047	W235956	SCRAP SALTS AND FLOOR SWEEPINGS - LOW FLUORIDE	D004, D008	1.8
20135	W193564	DUST COLLECTOR BAGS	D006	90.3
20135	W201549	DUST COLLECTOR BAGS	D006	74.8
20135	W236197	DUST COLLECTOR BAGS	D006	2.7
20139	W049186	SAMPLES, NON-METALLIC	D005	32.2
20139	W306213	SAMPLES, NON-METALLIC	D005	87.1
20146	W233544	CONTAMINATED NON-BURNABLES	D006, D007, D008	2.3
20146	W234484	CONTAMINATED NON-BURNABLES	D006, D007, D008	80.7
20146	W235406	CONTAMINATED NON-BURNABLES	D006, D007, D008	96.6
2728	W033308	MISCELLANEOUS SAMPLES	D007	14.5
2728	W235960	MISCELLANEOUS SAMPLES	D007	2.7
3077	W234674	UNH	D002, D007, D008	253.6
3077	W234751	UNH	D002, D007, D008	266.7
3077	W235130	UNH	D002, D007, D008	.9
3344	W207166	DUST COLLECTOR RESIDUES FROM PLANT 6	D006, D008	101.6
3344	W230930	DUST COLLECTOR RESIDUES FROM PLANT 6	D006, D008	2
3760	W220349	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220355	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220356	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220357	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.4
3760	W220361	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8

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FFCACT SITE TREATMENT PLAN FY2003
UWD

MEF No	Inv No	MEF Description	EPA Codes	Net Wt (kg)
3760	W220366	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220367	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220368	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220369	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220370	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220371	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220372	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220373	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220510	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220511	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220513	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220515	RCRA-HAZARDOUS T-HOPPERS	D007, D010	.5
3760	W220516	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220523	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220524	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220528	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220529	RCRA-HAZARDOUS T-HOPPERS	D007, D010	.9
3760	W220530	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220531	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220532	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220533	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220534	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220535	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8

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FFCACT SITE TREATMENT PLAN FY2003

UWD

MEF No	Inv No	MEF Description	EPA Codes	Net Wt (kg)
3760	W220536	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220537	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220538	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220539	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220540	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220541	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220542	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220543	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220544	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220545	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220546	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220547	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220548	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220549	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220550	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220551	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220552	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220553	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220634	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220635	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220636	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220637	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220639	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8

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FFCACT SITE TREATMENT PLAN FY2003
UWD

MEF No	Inv No	MEF Description	EPA Codes	Net Wt (kg)
3760	W220642	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220653	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220654	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220655	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220656	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220658	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220659	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220670	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220671	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220672	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220673	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220674	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220675	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220676	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220677	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220678	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220679	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220680	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220681	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220694	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220696	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220697	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220698	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8

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FFCACT SITE TREATMENT PLAN FY2003

UWD

MEF No	Inv No	MEF Description	EPA Codes	Net Wt (kg)
3760	W220699	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220700	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220701	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220702	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220715	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.4
3760	W220731	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220732	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220735	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220973	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220974	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220975	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220976	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220977	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220978	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220979	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220980	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W220983	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W221000	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W221001	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W221002	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W221003	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W221004	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3760	W221005	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8

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FFCACT SITE TREATMENT PLAN FY2003
UWD

MEF No	Inv No	MEF Description	EPA Codes	Net Wt (kg)
3760	W221006	RCRA-HAZARDOUS T-HOPPERS	D007, D010	1.8
3762	W220350	TRU T-HOPPERS	D007	3.2
3762	W220351	TRU T-HOPPERS	D007	3.2
3762	W220352	TRU T-HOPPERS	D007	3.2
3762	W220353	TRU T-HOPPERS	D007	3.2
3762	W220354	TRU T-HOPPERS	D007	3.2
3762	W220358	TRU T-HOPPERS	D007	3.2
3762	W220359	TRU T-HOPPERS	D007	3.2
3762	W220360	TRU T-HOPPERS	D007	3.2
3762	W220362	TRU T-HOPPERS	D007	3.2
3762	W220363	TRU T-HOPPERS	D007	3.2
3762	W220364	TRU T-HOPPERS	D007	3.2
3762	W220374	TRU T-HOPPERS	D007	3.2
3762	W220375	TRU T-HOPPERS	D007	3.2
3762	W220376	TRU T-HOPPERS	D007	3.2
3762	W220377	TRU T-HOPPERS	D007	3.2
3762	W220378	TRU T-HOPPERS	D007	3.2
3762	W220379	TRU T-HOPPERS	D007	3.2
3762	W220380	TRU T-HOPPERS	D007	3.2
3762	W220381	TRU T-HOPPERS	D007	3.2
3762	W220382	TRU T-HOPPERS	D007	3.2
3762	W220512	TRU T-HOPPERS	D007	3.2
3762	W220514	TRU T-HOPPERS	D007	3.2

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FFCACT SITE TREATMENT PLAN FY2003

UWD

MEF No	Inv No	MEF Description	EPA Codes	Net Wt (kg)
3762	W220525	TRU T-HOPPERS	D007	3.2
3762	W220526	TRU T-HOPPERS	D007	3.2
3762	W220527	TRU T-HOPPERS	D007	3.2
3762	W220640	TRU T-HOPPERS	D007	3.2
3762	W220641	TRU T-HOPPERS	D007	3.2
3762	W220643	TRU T-HOPPERS	D007	3.2
3762	W220644	TRU T-HOPPERS	D007	3.2
3762	W220645	TRU T-HOPPERS	D007	3.2
3762	W220646	TRU T-HOPPERS	D007	3.2
3762	W220647	TRU T-HOPPERS	D007	3.2
3762	W220648	TRU T-HOPPERS	D007	3.2
3762	W220649	TRU T-HOPPERS	D007	3.2
3762	W220650	TRU T-HOPPERS	D007	2.7
3762	W220651	TRU T-HOPPERS	D007	3.2
3762	W220652	TRU T-HOPPERS	D007	3.2
3762	W220657	TRU T-HOPPERS	D007	3.2
3762	W220660	TRU T-HOPPERS	D007	3.2
3762	W220661	TRU T-HOPPERS	D007	3.2
3762	W220662	TRU T-HOPPERS	D007	3.2
3762	W220663	TRU T-HOPPERS	D007	3.2
3762	W220664	TRU T-HOPPERS	D007	3.2
3762	W220665	TRU T-HOPPERS	D007	3.2
3762	W220666	TRU T-HOPPERS	D007	3.2

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FFCACT SITE TREATMENT PLAN FY2003
UWD

MEF No	Inv No	MEF Description	EPA Codes	Net Wt (kg)
3762	W220667	TRU T-HOPPERS	D007	3.2
3762	W220668	TRU T-HOPPERS	D007	3.2
3762	W220669	TRU T-HOPPERS	D007	3.2
3762	W220682	TRU T-HOPPERS	D007	3.2
3762	W220683	TRU T-HOPPERS	D007	3.2
3762	W220684	TRU T-HOPPERS	D007	3.2
3762	W220685	TRU T-HOPPERS	D007	3.2
3762	W220686	TRU T-HOPPERS	D007	3.2
3762	W220687	TRU T-HOPPERS	D007	3.2
3762	W220688	TRU T-HOPPERS	D007	3.2
3762	W220689	TRU T-HOPPERS	D007	3.2
3762	W220690	TRU T-HOPPERS	D007	3.2
3762	W220691	TRU T-HOPPERS	D007	3.2
3762	W220692	TRU T-HOPPERS	D007	3.2
3762	W220693	TRU T-HOPPERS	D007	3.2
3762	W220703	TRU T-HOPPERS	D007	3.2
3762	W220704	TRU T-HOPPERS	D007	3.2
3762	W220705	TRU T-HOPPERS	D007	3.2
3762	W220706	TRU T-HOPPERS	D007	3.2
3762	W220713	TRU T-HOPPERS	D007	3.2
3762	W220723	TRU T-HOPPERS	D007	3.2
3762	W220724	TRU T-HOPPERS	D007	3.2
3762	W220728	TRU T-HOPPERS	D007	3.2

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FFCACT SITE TREATMENT PLAN FY2003

UWD

MEF No	Inv No	MEF Description	EPA Codes	Net Wt (kg)
3762	W220730	TRU T-HOPPERS	D007	3.2
3762	W220766	TRU T-HOPPERS	D007	3.2
3762	W220767	TRU T-HOPPERS	D007	3.2
3762	W220771	TRU T-HOPPERS	D007	3.2
3762	W228009	TRU T-HOPPERS	D007	3.2
3762	W234934	TRU T-HOPPERS	D007	3.2
3762	W234963	TRU T-HOPPERS	D007	3.2
3762	W235069	TRU T-HOPPERS	D007	2.7
3762	W235093	TRU T-HOPPERS	D007	.5
50058	W511558	DUST COLLECTOR BAGS	D007	11.8
50113	W235965	ROASTED CALCIUM-PRECIPITATED SUMP AND FILTER CAKES	F002	10
50148	W236033	SCRAP U3O8 HIGH F	D004	.9
50165	W235948	ROASTED OFF-SITE SUMP CAKE	D007	.2
50177	W236131	FURNACE SALT, NON CHLORIDE	D001, D004, D008	288.9
50177	W236139	FURNACE SALT, NON CHLORIDE	D001, D004, D008	236.8
50177	W236172	FURNACE SALT, NON CHLORIDE	D001, D004, D008	16.8
50177	W236181	FURNACE SALT, NON CHLORIDE	D001, D004, D008	294.4
50178	W236097	FURNACE SALT, NON-CHLORIDE	D001	78
50180	W228375	FURNACE SALT, NON-CHLORIDE	D007, D008, D010	303.9
50180	W228376	FURNACE SALT, NON-CHLORIDE	D007, D008, D010	300.3
50180	W228382	FURNACE SALT, NON-CHLORIDE	D007, D008, D010	264
50180	W228399	FURNACE SALT, NON-CHLORIDE	D007, D008, D010	327.5
50180	W228401	FURNACE SALT, NON-CHLORIDE	D007, D008, D010	246.8

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FFCACT SITE TREATMENT PLAN FY2003
UWD

MEF No	Inv No	MEF Description	EPA Codes	Net Wt (kg)
50180	W229698	FURNACE SALT, NON-CHLORIDE	D007, D008, D010	1307.3
50180	W229706	FURNACE SALT, NON-CHLORIDE	D007, D008, D010	1222.9
50180	W229708	FURNACE SALT, NON-CHLORIDE	D007, D008, D010	1121.7
50180	W229709	FURNACE SALT, NON-CHLORIDE	D007, D008, D010	1453.8
50180	W232786	FURNACE SALT, NON-CHLORIDE	D007, D008, D010	336.6
50180	W232787	FURNACE SALT, NON-CHLORIDE	D007, D008, D010	250.4
50180	W232792	FURNACE SALT, NON-CHLORIDE	D007, D008, D010	296.7
50180	W232794	FURNACE SALT, NON-CHLORIDE	D007, D008, D010	332
50180	W232795	FURNACE SALT, NON-CHLORIDE	D007, D008, D010	210.5
50180	W232806	FURNACE SALT, NON-CHLORIDE	D007, D008, D010	318.4
50180	W232860	FURNACE SALT, NON-CHLORIDE	D007, D008, D010	160.6
50180	W232876	FURNACE SALT, NON-CHLORIDE	D007, D008, D010	270.3
50180	W232884	FURNACE SALT, NON-CHLORIDE	D007, D008, D010	187.8
50180	W232905	FURNACE SALT, NON-CHLORIDE	D007, D008, D010	218.6
50180	W232906	FURNACE SALT, NON-CHLORIDE	D007, D008, D010	296.7
50197	W514268	SLUDGES FOR BLENDING	D007	85.3
50197	W514269	SLUDGES FOR BLENDING	D007	122
50364	W514065	U3O8, +8MESH, LOWF	D007, F001, F002	377.8
50364	W514066	U3O8, +8MESH, LOWF	D007, F001, F002	262.2
50408	W201477	FURNACE SALT NON-CHLORIDE	D008, D010	117.9
50408	W514155	FURNACE SALT NON-CHLORIDE	D008, D010	368.3
50408	W514156	FURNACE SALT NON-CHLORIDE	D008, D010	205.5
50408	W514157	FURNACE SALT NON-CHLORIDE	D008, D010	142.4

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FFCACT SITE TREATMENT PLAN FY2003

UWD

MEF No	Inv No	MEF Description	EPA Codes	Net Wt (kg)
50408	W514181	FURNACE SALT NON-CHLORIDE	D008, D010	210.5
60306	W207823	HARDENED SALT BATH SLUDGE FROM RMI	D005	80.7
60306	W235952	HARDENED SALT BATH SLUDGE FROM RMI	D005	18.1

UWD 13884.7

Total Inventory: 233

Total Net Wt (kg): 13884.7

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APPENDIX G

Thorium Legacy Mixed Waste Stabilization Project

FFCACT SITE TREATMENT PLAN FY2003

THORIUM

MEF No	Inv No	MEF Description	EPA Codes	Net Wt (kg)
3429	W233417	THORIUM OXIDE POWDER FROM TN NUCLEAR SERVICES	D008	18.6
3429	W233433	THORIUM OXIDE POWDER FROM TN NUCLEAR SERVICES	D008	17.7

THORIUM 36.3

Total Inventory: 2

Total Net Wt (kg): 36.3

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APPENDIX H

Mixed Waste Generated/Identified in FY2003

**FFCACT SITE TREATMENT PLAN FY2003
NEWLY IDENTIFIED/NEWLY GENERATED**

MEF No	Inv No	MEF Description	STP Project	EPA Codes	Net Wt (kg)
1575	W228178	URANYL NITRATE (UNH), EXCESS ANALYSIS BYPRODUCT	AWWT LIQUIDS PROJECT	D002	151.5
2788	W198037	THORIUM NITRATE SOLUTION	AWWT LIQUIDS PROJECT	D002, D005, D007, D008	78.5
3161	W225768	SODIUM HYDROXIDE	AWWT LIQUIDS PROJECT	D002	39.9
3161	W232770	SODIUM HYDROXIDE	AWWT LIQUIDS PROJECT	D002	100.2
3655	W170043	RADIUM ANALYSIS WASTE	AWWT LIQUIDS PROJECT	D002, D008	34

AWWT LIQUIDS PROJECT 404.1

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**FFCACT SITE TREATMENT PLAN FY2003
NEWLY IDENTIFIED/NEWLY GENERATED**

MEF No	Inv No	MEF Description	STP Project	EPA Codes	Net Wt (kg)
10025	W236205	CONTAMINATED SOIL AND ROCKS	INORGANIC TREATMENT PROJECT	D005	.9
1199	W236208	MERCURY CONTAMINATED FLOOR TILE & PIPE INSULATION	INORGANIC TREATMENT PROJECT	D009	.9
1380	W236045	NON OILY SUMP CLEANOUT MATERIAL FROM PLANT 8 OPERATIONS	INORGANIC TREATMENT PROJECT	D007, D008	1.8
1381	W236047	HIGH LEVEL CLEANING RESIDUES	INORGANIC TREATMENT PROJECT	D006, D011	2.7
1585	W189227	LEAD ACID BATTERY (BROKEN)	INORGANIC TREATMENT PROJECT	D002, D008	186.9
1906	W236206	HF TANK CLEAN-OUT MATERIAL	INORGANIC TREATMENT PROJECT	D007, U134	1.8
2418	W173189	BROKEN GLASS AND OLD FLOURESCENT LIGHT BULBS	INORGANIC TREATMENT PROJECT	D009	111.6
2418	W190673	BROKEN GLASS AND OLD FLOURESCENT LIGHT BULBS	INORGANIC TREATMENT PROJECT	D009	33.6
2724	W235962	MIXED POWDERS	INORGANIC TREATMENT PROJECT	D004, D008, D011	4.5
278	W230985	CONTAMINATED GRAPHITE CARBON	INORGANIC TREATMENT PROJECT	D005, D008	.5
2812	W229898	LEAD & DEBRIS	INORGANIC TREATMENT PROJECT	D008	347.5
2947	W230920	DISCARDED PROCESS RESIDUES TRAILER CAKES, WASTE SLURRIES, RAFFINATES FROM THE PILOT PLANT	INORGANIC TREATMENT PROJECT	D010	3.6
2976	W186898	CADMIUM COILS	INORGANIC TREATMENT PROJECT	D006	.5
30036	W230933	DUST COLLECTOR RESIDUES - HIGH FLUORIDE	INORGANIC TREATMENT PROJECT	D006, D008	.9
3767	W235931	OILY SLUDGE FROM BUILDING 12 D&D	INORGANIC TREATMENT PROJECT	D008, D009, D010	1.8

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**FFCACT SITE TREATMENT PLAN FY2003
NEWLY IDENTIFIED/NEWLY GENERATED**

MEF No	Inv No	MEF Description	STP Project	EPA Codes	Net Wt (kg)
3799	W185705	NON-EXCLUDED SILO PROJECT MATERIAL	INORGANIC TREATMENT PROJECT	D004, D006, D007, D008, D010	65.8
3799	W185706	NON-EXCLUDED SILO PROJECT MATERIAL	INORGANIC TREATMENT PROJECT	D004, D006, D007, D008, D010	58.1
3799	W185708	NON-EXCLUDED SILO PROJECT MATERIAL	INORGANIC TREATMENT PROJECT	D004, D006, D007, D008, D010	87.5
3799	W235031	NON-EXCLUDED SILO PROJECT MATERIAL	INORGANIC TREATMENT PROJECT	D004, D006, D007, D008, D010	54.4
3842	W184694	SODIUM SULFIDE	INORGANIC TREATMENT PROJECT	D002, D003	101.6
3858	W224923	UNH FROM PLANT 2/3 DENITRATION	INORGANIC TREATMENT PROJECT	D007	94.3
3858	W225337	UNH FROM PLANT 2/3 DENITRATION	INORGANIC TREATMENT PROJECT	D007	10
50174	W235929	SALT SLUDGE, CHLORIDE	INORGANIC TREATMENT PROJECT	D007	.5
50387	W235957	SALT SLUDGE, CHLORIDE	INORGANIC TREATMENT PROJECT	D005	.9
60011	W236200	USED FURNACE SALT (NU-SAL)	INORGANIC TREATMENT PROJECT	D007	4.5
60304	W235939	CONCRETE, ROCKS, FLOOR SWEEPINGS, TRASH FROM RMI	INORGANIC TREATMENT PROJECT	D005	8.6
60307	W230937	FURNACE SALT, SOLIDIFIED, CHLORIDE (PLANT 8 RECOVERY)	INORGANIC TREATMENT PROJECT	D005, D008	10.4
635	W220555	MERCURY SPILL CLEAN-UP AND SPENT MERCURY BATTERIES	INORGANIC TREATMENT PROJECT	D009	5.9
817	W214809	LEAD BASED PAINT CHIPS	INORGANIC TREATMENT PROJECT	D008	154.2
817	W235958	LEAD BASED PAINT CHIPS	INORGANIC TREATMENT PROJECT	D008	39.7

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**FFCACT SITE TREATMENT PLAN FY2003
NEWLY IDENTIFIED/NEWLY GENERATED**

MEF No	Inv No	MEF Description	STP Project	EPA Codes	Net Wt (kg)
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INORGANIC TREATMENT PROJECT 1395.9

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**FFCACT SITE TREATMENT PLAN FY2003
NEWLY IDENTIFIED/NEWLY GENERATED**

MEF No	Inv No	MEF Description	STP Project	EPA Codes	Net Wt (kg)
10009	W236048	SLUDGES - SOLVENT (TRICHLOR, PERCHLOR, ETC.)	ORGANIC TREATMENT PROJECT	D001, D008, D035, F003, F005	2.7
10011	W230989	CONTAMINATED BURNABLES	ORGANIC TREATMENT PROJECT	D005	.9
10012	W235077	PCB CONTAMINATED BURNABLES	ORGANIC TREATMENT PROJECT	D039, D040, F002	43.5
10012	W235998	PCB CONTAMINATED BURNABLES	ORGANIC TREATMENT PROJECT	D039, D040, F002	55.8
10023	W230984	NON-RECOVERABLE TRASH - PCB	ORGANIC TREATMENT PROJECT	D008, F002	.5
10026	W230986	1,1,1-TRICHLOROETHANE STILL BOTTOMS - PCB	ORGANIC TREATMENT PROJECT	D009, F001, F002	.9
1187	W230173	SPENT ACTIVATED CARBON, FROM PERCHED WATER PROJECT	ORGANIC TREATMENT PROJECT	F002, F005	83
1187	W230174	SPENT ACTIVATED CARBON, FROM PERCHED WATER PROJECT	ORGANIC TREATMENT PROJECT	F002, F005	86.6
1187	W230175	SPENT ACTIVATED CARBON, FROM PERCHED WATER PROJECT	ORGANIC TREATMENT PROJECT	F002, F005	175.1
1187	W230176	SPENT ACTIVATED CARBON, FROM PERCHED WATER PROJECT	ORGANIC TREATMENT PROJECT	F002, F005	157.4
1187	W300146	SPENT ACTIVATED CARBON, FROM PERCHED WATER PROJECT	ORGANIC TREATMENT PROJECT	F002, F005	180.1
1187	W300154	SPENT ACTIVATED CARBON, FROM PERCHED WATER PROJECT	ORGANIC TREATMENT PROJECT	F002, F005	195
1187	W300155	SPENT ACTIVATED CARBON, FROM PERCHED WATER PROJECT	ORGANIC TREATMENT PROJECT	F002, F005	200.5
1187	W300157	SPENT ACTIVATED CARBON, FROM PERCHED WATER PROJECT	ORGANIC TREATMENT PROJECT	F002, F005	196.9
1187	W300224	SPENT ACTIVATED CARBON, FROM PERCHED WATER PROJECT	ORGANIC TREATMENT PROJECT	F002, F005	201.9

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**FFCACT SITE TREATMENT PLAN FY2003
NEWLY IDENTIFIED/NEWLY GENERATED**

MEF No	Inv No	MEF Description	STP Project	EPA Codes	Net Wt (kg)
1187	W300226	SPENT ACTIVATED CARBON, FROM PERCHED WATER PROJECT	ORGANIC TREATMENT PROJECT	F002, F005	205.5
1187	W515281	SPENT ACTIVATED CARBON, FROM PERCHED WATER PROJECT	ORGANIC TREATMENT PROJECT	F002, F005	188.2
1187	W515282	SPENT ACTIVATED CARBON, FROM PERCHED WATER PROJECT	ORGANIC TREATMENT PROJECT	F002, F005	191.4
1187, 1188	W179540	SPENT ACTIVATED CARBON, FROM PERCHED WATER PROJECT	ORGANIC TREATMENT PROJECT	F002, F005	78
1369	W220744	DRUMMED SLUDGE FROM DRYING BEDS	ORGANIC TREATMENT PROJECT	F002	15.4
1411	W235074	CONTAMINATED SOLVENT FROM PAINT SHOP	ORGANIC TREATMENT PROJECT	D001, D005, D007, D008, D009, D010, D011, D018, D019, D035, F002, F003, F005	3.2
1427	W236031	MOP HEADS AND PADS CONTAMINATED WITH 1,1,1 - TRICHLOROETHANE	ORGANIC TREATMENT PROJECT	F002	1.8
1438	W236044	NON-OILY CLEANOUT SLUDGES FOR ROASTING	ORGANIC TREATMENT PROJECT	D039	4.5
1501	W230928	SPILL CLEANUPS OF OIL AND GAS FROM GASOLINE ENGINES	ORGANIC TREATMENT PROJECT	D018	2.3
1672	W235938	NON-BURNABLE TRASH	ORGANIC TREATMENT PROJECT	F001, F002	5.9
1706	W236191	LAB WASTE, TCLP EXTRACT	ORGANIC TREATMENT PROJECT	D018, D021, D035, D038, D039, D040, D043, F002, F005	1.4
1815	W234866	SPENT FUELS	ORGANIC TREATMENT PROJECT	D001, D018	86.2
20037	W235935	PROCESS RESIDUES, TRAILER CAKES, SLURRIES, RAFFINATES	ORGANIC TREATMENT PROJECT	D029	6.8
20045	W230935	CONTAMINATED TBP AND/OR KEROSENE MIXTURES AND SLUDGES	ORGANIC TREATMENT PROJECT	D019, D022, D039, F002	10.4
20054	W236128	CONTAMINATED SOLVENT - TRICHLOR, PERCHLOR	ORGANIC TREATMENT PROJECT	D019, D022, D028, D029, D039, F001, F005	38.1

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**FFCACT SITE TREATMENT PLAN FY2003
NEWLY IDENTIFIED/NEWLY GENERATED**

MEF No.	Inv No.	MEF Description	STP Project	EPA Codes	Net Wt (kg)
2048	W236202	SOLIDIFIED LAB WASTE	ORGANIC TREATMENT PROJECT	F001, F002, F005	13.6
2395	W236207	CONTACT WASTE FROM CTC LAB	ORGANIC TREATMENT PROJECT	D007, D008, D009, D039, F001, F002, F005	.9
2499	W235930	CONCRETE ABANDONED PILOT PLANT SUMP	ORGANIC TREATMENT PROJECT	F002, F003	3.2
2547	W234430	GASOLINE/DIESEL FUEL FILTERS	ORGANIC TREATMENT PROJECT	D018	169.6
2581	W235945	CONTAMINATED PALLETS	ORGANIC TREATMENT PROJECT	F002	5.9
2626	W220752	SEDIMENT/SLUDGE CONTAMINATED WITH F-LISTED SOLVENTS & PCB - TSCA	ORGANIC TREATMENT PROJECT	D007, D008, D018, D029, D030, D032, D033, D040, F002, F005	32.2
2626	W235098	SEDIMENT/SLUDGE CONTAMINATED WITH F-LISTED SOLVENTS & PCB - TSCA	ORGANIC TREATMENT PROJECT	D007, D008, D018, D029, D030, D032, D033, D040, F002, F005	68.9
2626	W236040	SEDIMENT/SLUDGE CONTAMINATED WITH F-LISTED SOLVENTS & PCB - TSCA	ORGANIC TREATMENT PROJECT	D007, D008, D018, D029, D030, D032, D033, D040, F002, F005	109.3
2674	W236192	PETROLIUM CONTAMINATED SOIL FROM OPEN TOP TANK TRENCH AREA AT FTF (NON-PCB)	ORGANIC TREATMENT PROJECT	F002, F005	141.1
2674	W236193	PETROLIUM CONTAMINATED SOIL FROM OPEN TOP TANK TRENCH AREA AT FTF (NON-PCB)	ORGANIC TREATMENT PROJECT	F002, F005	109.3
2795	W235940	SCABBLED CONCRETE FROM HWMU #3 CLOSURE	ORGANIC TREATMENT PROJECT	F002	1.8
2818	W235932	TBP KEROSENE FROM TANK D1-7	ORGANIC TREATMENT PROJECT	D019, D022, D039	4.1
2921	W227372	SUMP/TRENCH SLUDGES AND LIQUIDS FROM BLDG. 13A	ORGANIC TREATMENT PROJECT	D039, D040	110.7
2921	W227382	SUMP/TRENCH SLUDGES AND LIQUIDS FROM BLDG. 13A	ORGANIC TREATMENT PROJECT	D039, D040	124.3
2921	W228740	SUMP/TRENCH SLUDGES AND LIQUIDS FROM BLDG. 13A	ORGANIC TREATMENT PROJECT	D039, D040	203.2

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**FFCACT SITE TREATMENT PLAN FY2003
NEWLY IDENTIFIED/NEWLY GENERATED**

MEF No	Inv No	MEF Description	STP Project	EPA Codes	Net Wt (kg)
2921	W231279	SUMP/TRENCH SLUDGES AND LIQUIDS FROM BLDG. 13A	ORGANIC TREATMENT PROJECT	D039, D040	141.1
2921	W231288	SUMP/TRENCH SLUDGES AND LIQUIDS FROM BLDG. 13A	ORGANIC TREATMENT PROJECT	D039, D040	143.3
2921	W231297	SUMP/TRENCH SLUDGES AND LIQUIDS FROM BLDG. 13A	ORGANIC TREATMENT PROJECT	D039, D040	225
2921	W231304	SUMP/TRENCH SLUDGES AND LIQUIDS FROM BLDG. 13A	ORGANIC TREATMENT PROJECT	D039, D040	248.6
2921	W231322	SUMP/TRENCH SLUDGES AND LIQUIDS FROM BLDG. 13A	ORGANIC TREATMENT PROJECT	D039, D040	93.4
2921	W231337	SUMP/TRENCH SLUDGES AND LIQUIDS FROM BLDG. 13A	ORGANIC TREATMENT PROJECT	D039, D040	245.8
2921	W234010	SUMP/TRENCH SLUDGES AND LIQUIDS FROM BLDG. 13A	ORGANIC TREATMENT PROJECT	D039, D040	65.8
2921	W234011	SUMP/TRENCH SLUDGES AND LIQUIDS FROM BLDG. 13A	ORGANIC TREATMENT PROJECT	D039, D040	222.3
2921	W234076	SUMP/TRENCH SLUDGES AND LIQUIDS FROM BLDG. 13A	ORGANIC TREATMENT PROJECT	D039, D040	72.6
2954	W228385	PCB CONTAMINATED CONTACT WASTE	ORGANIC TREATMENT PROJECT	F001, F002, F003, F005, U019	66.7
2954	W234641	PCB CONTAMINATED CONTACT WASTE	ORGANIC TREATMENT PROJECT	F001, F002, F003, F005, U019	32.2
2954	W234648	PCB CONTAMINATED CONTACT WASTE	ORGANIC TREATMENT PROJECT	F001, F002, F003, F005, U019	22.2
2954	W234660	PCB CONTAMINATED CONTACT WASTE	ORGANIC TREATMENT PROJECT	F001, F002, F003, F005, U019	30.4
2954	W234855	PCB CONTAMINATED CONTACT WASTE	ORGANIC TREATMENT PROJECT	F001, F002, F003, F005, U019	15.4
2954	W234885	PCB CONTAMINATED CONTACT WASTE	ORGANIC TREATMENT PROJECT	F001, F002, F003, F005, U019	28.6

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**FFCACT SITE TREATMENT PLAN FY2003
NEWLY IDENTIFIED/NEWLY GENERATED**

MEF No	Inv No	MEF Description	STP Project	EPA Codes	Net Wt (kg)
2954	W235934	PCB CONTAMINATED CONTACT WASTE	ORGANIC TREATMENT PROJECT	F001, F002, F003, F005, U019	1.4
2982	W230990	TRENCH MATERIAL FROM AROUND 39A DRUM STORAGE FILLING STATION PAD FROM TRANE INCINERATOR HWMU AREA	ORGANIC TREATMENT PROJECT	D008, F002	11.3
30037	W230931	PROCESS RESIDUES, TRAILER CAKES, SLURRIES, RAFFINATES	ORGANIC TREATMENT PROJECT	D039	4.1
30042	W230987	WET SUMP OR FILTER CAKE - NON-OILY, NON-HALIDE	ORGANIC TREATMENT PROJECT	D039	.5
3037	W236053	LIQUIDS DRAINED FROM PUNCTURED AEROSOL CANS FROM AEROSOL PROJECT	ORGANIC TREATMENT PROJECT	D001, D007, D008, D035	25.9
3190	W235032	SLUDGES FROM T-5/6 HWMU CLOSURE	ORGANIC TREATMENT PROJECT	D022, D028, D029, F001, F002, F003, F005	47.6
3795	W214782	LEAD & ASBESTOS CONTAMINATED LIQUID & DEBRIS	ORGANIC TREATMENT PROJECT	D008	66.9
3795	W224915	LEAD & ASBESTOS CONTAMINATED LIQUID & DEBRIS	ORGANIC TREATMENT PROJECT	D008	66.9
3795	W230912	LEAD & ASBESTOS CONTAMINATED LIQUID & DEBRIS	ORGANIC TREATMENT PROJECT	D008	66.9
3795	W230913	LEAD & ASBESTOS CONTAMINATED LIQUID & DEBRIS	ORGANIC TREATMENT PROJECT	D008	66.9
434	W236196	SOLIDS CONTAMINATED BY LAB SAMPLES & MATERIALS	ORGANIC TREATMENT PROJECT	F003	10
50109	W230919	NON-OILY OXIDATION SLUDGES WITH HIGH OR LOW FREE METAL	ORGANIC TREATMENT PROJECT	D004, D006, D007, D008, D010, D019, D039, D040	14.1
507	W236000	CONTAMINATED SOLVENT GENERATED IN THE PILOT PLANT. (MEK)	ORGANIC TREATMENT PROJECT	D001, D035	1.4
514	W236037	PAINT WASTE FROM PAINTING BOOTH	ORGANIC TREATMENT PROJECT	D001, D007, D008, F002, F003, F005	1.8
584	W236121	KEROSENE (DIESEL FUEL)/SLUDGE/WATER FROM UST #3	ORGANIC TREATMENT PROJECT	D001, D018	31.3

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**FFCACT SITE TREATMENT PLAN FY2003
NEWLY IDENTIFIED/NEWLY GENERATED**

MEF No	Inv No	MEF Description	STP Project	EPA Codes	Net Wt (kg)
60019	W230988	NONRECOVERABLE TRASH	ORGANIC TREATMENT PROJECT	F002	.5
60329	W235941	SOLVENT SEMI-SOLID	ORGANIC TREATMENT PROJECT	D018, D019, D020, D029, D039, D040	4.1
61003	W235961	OILY RAGS, GLOVES	ORGANIC TREATMENT PROJECT	F002	7.7

ORGANIC TREATMENT PROJECT 5600.7

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**FFCACT SITE TREATMENT PLAN FY2003
NEWLY IDENTIFIED/NEWLY GENERATED**

MEF No	Inv No	MEF Description	STP Project	EPA Codes	Net Wt (kg)
1815	W226673	SPENT FUELS	TSCA INCINERATOR PROJECT	D001, D018	11.8
30034	W236195	OIL CONTAMINATED WITH SOLVENTS (TANK 5)	TSCA INCINERATOR PROJECT	D018, F001	.5
3830	W236182	DIESEL FUEL (ORIGINAL MEF 2495)	TSCA INCINERATOR PROJECT	D001	174.6
3850	W223008	AREA 2 PHASE 2 OIL DRUM	TSCA INCINERATOR PROJECT	D005, D008	23.1
406	W224826	AEROSOL CANS	TSCA INCINERATOR PROJECT	D001	29
406	W230911	AEROSOL CANS	TSCA INCINERATOR PROJECT	D001	29
406	W230941	AEROSOL CANS	TSCA INCINERATOR PROJECT	D001	29
406	W231303	AEROSOL CANS	TSCA INCINERATOR PROJECT	D001	32.7
406	W232316	AEROSOL CANS	TSCA INCINERATOR PROJECT	D001	53.5
406	W232317	AEROSOL CANS	TSCA INCINERATOR PROJECT	D001	49
406	W236103	AEROSOL CANS	TSCA INCINERATOR PROJECT	D001	23.6
406	W236122	AEROSOL CANS	TSCA INCINERATOR PROJECT	D001	27.7
406	W236174	AEROSOL CANS	TSCA INCINERATOR PROJECT	D001	23.1
419	W236083	XYLENE	TSCA INCINERATOR PROJECT	D001	37.6

TSCA INCINERATOR PROJECT 544.2

**FFCACT SITE TREATMENT PLAN FY2003
NEWLY IDENTIFIED/NEWLY GENERATED**

MEF No	Inv No	MEF Description	STP Project	EPA Codes	Net Wt (kg)
10002	W230936	SCRAP SALTS	UWD	D005, D008	2.3
20047	W235956	SCRAP SALTS AND FLOOR SWEEPINGS - LOW FLUORIDE	UWD	D004, D008	1.8
20135	W236197	DUST COLLECTOR BAGS	UWD	D006	2.7
20139	W049186	SAMPLES, NON-METALLIC	UWD	D005	32.2
20146	W233544	CONTAMINATED NON-BURNABLES	UWD	D006, D007, D008	2.3
20146	W234484	CONTAMINATED NON-BURNABLES	UWD	D006, D007, D008	80.7
20146	W235406	CONTAMINATED NON-BURNABLES	UWD	D006, D007, D008	96.6
2728	W235960	MISCELLANEOUS SAMPLES	UWD	D007	2.7
3077	W235130	UNH	UWD	D002, D007, D008	.9
3760	W220515	RCRA-HAZARDOUS T-HOPPERS	UWD	D007, D010	.5
3762	W220363	TRU T-HOPPERS	UWD	D007	3.2
3762	W220374	TRU T-HOPPERS	UWD	D007	3.2
3762	W220512	TRU T-HOPPERS	UWD	D007	3.2
50148	W236033	SCRAP U3O8 HIGH F	UWD	D004	.9

UWD 233.2

Total Inventory: 141
Total Net Wt (kg): 8178.1

APPENDIX I

Approved Site Treatment Plan

**FERNALD ENVIRONMENTAL MANAGEMENT PROJECT
PROPOSED SITE TREATMENT PLAN
PLAN VOLUME**

1.0 PURPOSE AND SCOPE

1.1 The U.S. Department of Energy (DOE) is required to prepare a plan for developing treatment capacities and technologies for each facility at which DOE generates or stores mixed waste, pursuant to Section 3021(b) of the Resource Conservation and Recovery Act (RCRA), 42 U.S.C 6939c(b), as amended by Section 105(a) of the Federal Facility Compliance Act [(P.L.102-386) (FFCA)]. The mixed waste must be treated or otherwise managed in accordance with the land disposal restriction standards under Section 3004 of RCRA. Upon submission of the plan to the appropriate regulatory agency, the FFCA requires the recipient agency to solicit and consider public comments, and approve, approve with modification, or disapprove the plan within six months. The agency is to consult with EPA and any State in which a facility affected by the plan is located. Upon approval of a plan, the regulatory agency must issue a FFCA Order requiring compliance with the approved plan.

1.2 The DOE Fernald Office, hereinafter referred to as DOE-FN, has prepared this Proposed Site Treatment Plan (PSTP) for mixed waste at the FEMP, which identifies how DOE-FN proposes to obtain treatment of the site's mixed waste or develop technologies for treatment where technologies do not exist or need modification. For some waste streams, a plan and schedules for characterizing wastes, undertaking technology assessments, and for providing the required plans and schedules for developing capacities and technologies, as appropriate, are provided.

1.3 This section intentionally left blank.

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2.0 IMPLEMENTATION OF THE PROPOSED SITE TREATMENT PLAN

The mechanisms and procedures for administering and implementing the treatment plans and schedules in Sections 3.0 through 5.0 of the Plan Volume will be established in the FFCAct Order.

2.1 This section intentionally left blank.

2.2 Modification of Technologies

Emerging or new technologies not yet considered that provide opportunities to manage waste more safely, effectively, and at lower cost than the current technologies identified in the PSTP may be identified in the future. Working closely with regulators and other interested parties during the implementation of the PSTP, DOE will continue to evaluate and develop technologies that offer potential advantages in the areas of public acceptance, risk abatement, performance, and life-cycle cost. Should more promising technologies be identified, DOE may request a modification of its PSTP in accordance with provisions of the implementing FFCAct Order.

3.0 MIXED LOW LEVEL WASTE STREAMS

The Plan Volume of the PSTP establishes overall schedules for achieving compliance with LDR requirements for mixed wastes at the FEMP. The schedules include those activities required to bring existing waste treatment facilities or technologies into operation, and those required to develop new facilities and capacity for treatment. The assumptions upon which individual schedules are dependent are contained in Sections 3.0 through 5.0 of the Background Volume. The schedules may be affected if the underlying assumptions change. The project completion dates provided on the schedules do not include final disposition of treatment residues. Dates provided in the Plan Volume schedules become enforceable through the procedure established in the implementing FFCAct Order.

3.1 Mixed Waste Streams for which Technology Exists

The FEMP has identified eleven Preferred Options for the treatment of characterized mixed low level waste streams in inventory. Only minor modifications of the Preferred Option, if any, are needed to treat the wastes. These preferred options and their respective waste streams are presented in Sections 3.1.1 through 3.1.11.

3.1.1 Waste Stream for which Technology Exists - Preferred Option: Hydrofluoric Acid (HF) Neutralization System

Project Name: HF RCRA Closure

The FEMP mixed waste stream for which the Preferred Option is identified as the HF Neutralization System is listed in Table 1 of the Background Volume. Treatment can be accomplished through the use of on-site existing facilities. Treatment of this single waste stream is planned as a RCRA Closure of a Hazardous Waste Management Unit (HWMU) using the HF Neutralization System. Detailed information on this treatment is located in Section 3.1.1 of the Background Volume.

Consistent with closure plan requirements, this project is expected to be completed within 180 days after final approval of the Closure Plan Information and Data (CPID) from OEPA. The schedules presented below reflect dates established by the approved closure plan.

MIXED WASTE STREAM FOR WHICH TECHNOLOGY EXISTS

Project Start Date: January 31, 1992 (COMPLETED)

Schedule for submitting all applicable permit applications: Not applicable. Treatment of this waste stream will be performed under a RCRA Closure of a HWMU. The CPID for this project was submitted on July 17, 1994 and approved by the OEPA in February 1995. (COMPLETED)

Schedule for entering into contracts: The contract necessary for this project is in place. (COMPLETED)

Schedule for initiating construction: December 31, 1994 (COMPLETED)

Schedule for conducting systems testing: June 30, 1995 (COMPLETED)

Schedule for commencing operations: June 30, 1995 (COMPLETED)

Schedule for processing backlogged and currently generated mixed wastes: June 30, 1995 through August 30, 1995 (COMPLETED)

Project Completion Date: September 30, 1995 (COMPLETED)

PROJECT UPDATE

Treatment of this waste stream was completed as scheduled.

3.1.2 Waste Stream for which Technology Exists - Preferred Option: Uranyl Nitrate Hexahydrate (UNH) Treatment System

Project Name: UNH Neutralization System

The FEMP mixed waste stream for which the Preferred Option is identified as the UNH Treatment System is listed in Table 2 of the Background Volume. For clarity, it should be noted the scope of waste treatment under this Preferred Option is more extensive than that covered by the Director's Final Findings and Orders (DF&O), dated December 27, 1994 directing treatment of UNH material. Specifically, this Preferred Option includes treatment of approximately 30,000 gallons of radiologically contaminated nitric acid from the Nitric Acid Recovery (NAR) system. This waste stream was not included within the above-referenced DF&O. Treatment of the UNH waste stream associated with this preferred option was completed by September 25, 1995. Treatment can be accomplished through the use of on-site existing facilities augmented with new piping and new skid-mounted pumps. The FEMP is a CERCLA site and has been working with USEPA and OEPA to treat this waste on-site through CERCLA Removal Action #20. Detailed information on this treatment is located in Section 3.1.2 of the Background Volume.

The construction phase of the UNH Neutralization System is scheduled and proceeding.

MIXED WASTE STREAM FOR WHICH TECHNOLOGY EXISTS

Project Start Date: November 30, 1993 (COMPLETED)

Schedule for submitting all applicable permit applications: Not applicable. No permit required. Treatment of this waste will be performed under CERCLA Removal Action #20. (COMPLETED)

Schedule for entering into contracts: No contracts anticipated.

Schedule for initiating construction: May 31, 1994 (COMPLETED)

Schedule for conducting systems testing: March 24, 1995 (COMPLETED)

Schedule for commencing operations: Operations is the date the FEMP began treatment utilizing this Preferred Option.

March 24, 1995 (COMPLETED)

Schedule for processing backlogged and currently generated mixed wastes: March 24, 1995 - April 30, 1996 (COMPLETED)

Project Completion Date: April 30, 1996† (COMPLETED)

† Denotes milestone dates

3.1.3 Waste Stream for which Technology Exists - Preferred Option: Thorium Nitrate Treatment System

Project Name: Thorium Nitrate

The FEMP mixed waste stream for which the Preferred Option is identified as Thorium Nitrate Treatment System is listed in Table 3 in the Background Volume. Treatment of this single waste stream is planned under CERCLA Removal Action #9. Treatment of this waste stream will occur on-site using a vendor provided service. Detailed information on the alternatives is located in Section 3.1.3 of the Background Volume.

MIXED WASTE STREAM FOR WHICH TECHNOLOGY EXISTS

Project Start Date: December 31, 1994 **(COMPLETED)**

Schedule for submitting all applicable permit applications: Not applicable. Treatment of this waste stream will be performed under CERCLA Removal Action #9. The Project Specific Plan for this project was submitted in August 31, 1995. **(COMPLETED)**

Schedule for entering into contracts: Award contract with vendor for treatment. May 31, 1995 **(COMPLETED)**

Schedule for initiating construction: Vendor will supply and mobilize equipment needed for treatment. August 31, 1995 **(COMPLETED)**

Schedule for conducting systems testing: Systems testing will determine Operational Readiness using water to simulate operations. September 30, 1995 **(COMPLETED)**

Schedule for commencing operations: Operations will begin with the recirculation of the thorium waste as specified in the Project Specific Work Plan. September 30, 1995 **(COMPLETED)**

Schedule for processing backlogged and currently generated mixed wastes: September 30, 1995 - February 29, 1996 **(COMPLETED)**

Project Completion Date: February 29, 1996† **(COMPLETED)**

† Denotes milestone dates

3.1.4 Waste Streams for which Technology Exists - Preferred Option: Wastewater Treatment, Phase 1

Project Name: Liquid Mixed Waste Project

The FEMP mixed waste streams for which the Preferred Option is identified as Wastewater Treatment are located in Table 4 of the Background Volume. Treatment of these waste streams will occur on-site in an existing facility. This project is part of the Liquid Mixed Waste Project. Liquids will be bulked, tested and a determination will be made whether they are acceptable for the FEMP Wastewater Treatment System. Detailed information on this treatment is located in Section 3.1.4 of the Background Volume.

The Liquid Mixed Waste Project is designed to address treatment and disposal of all liquid mixed waste currently in storage through the WWTS or the TSCA Incinerator Preferred Options.

MIXED WASTE STREAMS FOR WHICH TECHNOLOGY EXISTS

Project Start Date: October 31, 1994 (COMPLETED)

Schedule for submitting all applicable permit applications: Not applicable. This project was initiated as part of CERCLA Removal Action #9 (RA #9). RA #9 was modified to clarify the scope of work and is consistent with the FEMP's Investigation Derived Waste (IDW) policy and NPDES permit and meets the requirements of the RCRA wastewater treatment unit exclusion. Activities conducted under RA #9 have been incorporated into the Operable Unit 3 Final Record of Decision (ROD).

Schedule for entering into contracts: No contract is required.

Schedule for initiating construction: No construction is required for this project.

Schedule for conducting systems testing: Tank set-up and testing of WWTS is complete. October 31, 1994 (COMPLETED)

Schedule for commencing operations: Operations is the date the FEMP will begin treatment utilizing this Preferred Option. February 29, 1996† (COMPLETED)

Schedule for processing backlogged and currently generated mixed wastes: February 29, 1996 through September 30, 1996 (COMPLETED)

Project Completion Date: September 30, 1996† (COMPLETED)

3.1.4.1 Waste Streams for Which Technology Exists - Preferred Option: Wastewater Treatment, Phase II

Section 3.1.4.1 provides updated schedules for treating FEMP mixed waste streams for which the preferred option is Wastewater Treatment. As part of Phase II of this preferred option, these waste streams will be treated on-site using the FEMP's Advanced Waste Water Treatment System (AWWT).

Waste waters are introduced into the AWWT-Slurry Dewatering Facility for precipitation and filtration of metal constituents. Filtrate from this process is directed to AWWT Phase 2 which consists of an activated carbon adsorption unit operation. Organic constituents are removed with the filter cake from the precipitation/filtration process or treated through AWWT Phase 2 if they remain in the filtrate.

Schedule for Initiating Treatment of Mixed Waste Identified in the 1998 STP Annual Update: November 1, 1999† (COMPLETED)

Project Completion Date: March 1, 2000† (COMPLETED)

Schedule for Initiating Treatment of Mixed Waste Identified in the Most Recent Version of the STP Annual Update: March 1, 2001† (COMPLETED)

Project Completion Date: June 30, 2001† (COMPLETED)

Schedule for Initiating Treatment of Mixed Waste Identified in the 2001 STP Annual Update:
December 31, 2001† (COMPLETED)

Project Completion Date: June 30, 2002† (COMPLETED)

Project Completion Date: Mixed waste identified in the most recent version of the STP Annual Update will be treated within six months following submittal of the update (by June 30th)†

† Denotes milestone dates

3.1.5 Waste Streams for which Technology Exists - Preferred Option: Ohio Mobile Stabilization System

Project Name: Stabilization Project

The FEMP mixed waste streams for which the Preferred Option is identified as Ohio Mobile Stabilization System are listed in Table 5 of the Background Volume. Treatment of these waste streams will occur on-site using a vendor provided mobile service. Detailed information on this treatment is located in Section 3.1.5 of the Background Volume.

The FEMP published a request for information in the *Commerce Business Daily*. Multiple responses were received from companies capable of performing Mobile Stabilization.

The FEMP implemented the Stabilization Project as part of CERCLA Removal Action #9 (RA #9). Treatment operations began after obtaining Ohio EPA approval. Activities conducted under Removal Action #9 have been incorporated into the Operable Unit 3 Final Record of Decision (ROD).

MIXED WASTE STREAMS FOR WHICH TECHNOLOGY EXISTS

Project Start Date: October 31, 1994 (COMPLETED)

Schedule for submitting all applicable permit applications: Not applicable. This project was initiated as part of RA #9. Activities conducted under Removal Action #9 have been incorporated into the Operable Unit 3 Final Record of Decision (ROD).

The Project Specific Plan for this project was submitted in September 30, 1995.
(COMPLETED)

Schedule for entering into contracts: May 31, 1995 (COMPLETED)

Schedule for initiating construction: Vendor will supply a fully constructed mobile system.
October 31, 1995† (COMPLETED)

Schedule for conducting systems testing: November 30, 1995† Complete Operational Readiness Review. (COMPLETED)

Schedule for commencing operations: Operations is the date the FEMP will begin treatment utilizing this Preferred Option. November 30, 1995† (COMPLETED)

Schedule for processing backlogged mixed wastes:
November 30, 1995 through September 30, 1996 (COMPLETED)

**3.1.5 Waste Streams for which Technology Exists - Preferred Option:
Ohio Mobile Stabilization System (cont.)**

Project Completion Date: September 30, 1996† (COMPLETED)

† Denotes milestone dates

**3.1.6 Waste Streams for which Technology Exists - Preferred Option:
Ohio Mobile Chemical Treatment System**

Project Name: Chemical Treatment Project

The FEMP mixed waste streams where the Preferred Option is identified as Ohio Mobile Chemical Treatment System are listed in Table 6 of the Background Volume. Treatment of these waste streams will occur on-site using vendor provided services, except for some debris (as defined in RCRA) macroencapsulation, which will occur off-site at a commercial facility. Detailed information on this treatment is located in Section 3.1.6 of the Background Volume.

Multiple contracts will be entered into for the performance of treatment for each technology in the Chemical Treatment Project. Specific work plans will be developed for each on-site treatment technology. The technology specific work plans will be submitted to the State for approval. Construction of the facilities will be initiated upon State approval of the technology specific work plans.

MIXED WASTE STREAMS FOR WHICH TECHNOLOGY EXISTS

Project Start Date: October 31, 1994 (COMPLETED)

Schedule for submitting all applicable permit applications: Not applicable. It is anticipated that this project will be initiated as part of CERCLA Removal Action #9. This project was initiated as part of CERCLA Removal Action #9. Activities conducted under this removal action have been incorporated into the Operable Unit 3 Final Record of Decision (ROD). The Draft Work Plan for this project will be submitted in November 30, 1995.† (COMPLETED)

3.1.6 Waste Streams for which Technology Exists - Preferred Option: Ohio Mobile Chemical Treatment System (cont.)

A schedule for commencing operations will be provided in each technology project specific work plan submitted for approval.

Schedule for entering into contracts: The contract for implementation of the first technology will be entered into in April 30, 1996.†(COMPLETED)

The project specific work plan for each technology will be submitted for approval within 120 days of entering into the contract.†

Schedule for initiating construction: Vendor will supply a fully constructed mobile system. Construction for each technology will be initiated within 30 days of approval of the project specific work plan.†

Schedule for conducting systems testing:
Operational Readiness and systems testing will be completed 120 days after completion of treatment facility construction.†

Schedule for commencing operations:
Treatment will be initiated within 14 days of completion of system testing for each technology.†

Schedule for processing backlogged and currently generated mixed wastes: February 28, 1997 through September 30, 2001.

A schedule for processing backlogged and currently generated mixed waste will be provided by technology in each project specific work plan submitted for approval.

Project Completion Date: September 30, 2001† The last project conducted as part of the Ohio Mobile Chemical Treatment System was completed on August 19, 1998.

† Denotes milestone dates

3.1.7 Waste Streams for which Technology Exists - Preferred Option: TSCA Incinerator, Phase 1

Project Name: Liquid Mixed Waste Project

The FEMP mixed waste streams (liquid portion only) for which the Preferred Option is identified as the TSCA Incinerator are listed in Table 7 of the Background Volume. Treatment of these waste streams will occur off-site at the DOE K-25 site in Oak Ridge, Tennessee.

The FEMP is currently allotted 693,000 pounds or approximately 318,780 kilograms of mixed low level waste treatment capacity per year at the TSCA Incinerator. The FEMP plans to bulk mixed waste for shipment to the TSCA Incinerator. Detailed information on this treatment is located in Section 3.1.7 of the Background Volume.

Bulking and transport of these wastes was implemented as part of CERCLA Removal Action #9 (RA #9). These activities began after obtaining Ohio EPA approval. Activities conducted under this removal action have been incorporated into the Operable Unit 3 Final Record of Decision (ROD).

The milestone dates for TSCA Incinerator are shipping dates. The shipping dates are dependent on acceptance of the waste by the TSCA Incinerator and the State of Tennessee.

The Liquid Mixed Waste Project is designed to address treatment and disposal of all liquid mixed waste currently in storage through the WWTS or the TSCA Incinerator Preferred Options.

MIXED WASTE STREAMS FOR WHICH TECHNOLOGY EXISTS

Project Start Date: October 1994 (COMPLETED)

Schedule for submitting all applicable permit applications: Not applicable. This project was initiated as part of RA #9. (COMPLETED)

Schedule for entering into contracts: Contracting complete (DOE facility to DOE facility agreement). (COMPLETED)

Schedule for initiating construction: No construction is required for this project.

3.1.7 Waste Streams for which Technology Exists - Preferred Option: TSCA Incinerator (cont.)

Schedule for conducting systems testing: Tank set-up and testing were completed in October 1994. October 31, 1994 **(COMPLETED)**

Schedule for commencing operations: Operations began with the bulking of waste streams. June 30, 1995 **(COMPLETED)**

Schedule for processing backlogged and currently generated mixed wastes: June 30, 1995 through September 30, 1996 **(COMPLETED)**

Project Completion Date: Shipments from the FEMP to the TSCA Incinerator will be complete by September 30, 1996† **(COMPLETED)**

3.1.7.1 Waste Streams for which Technology Exists - Preferred Option: TSCA Incinerator, Phase II

Phase II of the TSCA Incinerator Preferred Option provides updated schedules for the shipment of individual batches of liquid mixed waste to the TSCA Incinerator and/or commercial mixed waste incineration facilities. These schedules are based on the TSCA Incinerator Burn Plan and commercial facility waste acceptance timeframes. Since capacity at the TSCA Incinerator is allocated on a fiscal year basis, schedules for shipping additional batches of liquid mixed waste will be established in future amendments to the STP.

Schedule for Completing Shipment: Shipment of Batch 9 to the TSCA Incinerator will be completed by September 30, 2000†. **(COMPLETED)**

Shipment of Batch 10 to the TSCA Incinerator or a commercial mixed waste incineration facility will be completed by September 30, 2001†. **(COMPLETED)**

Shipment of Batch 11 to the TSCA Incinerator will be completed by September 30, 2002†. **(COMPLETED)**

Schedule for Providing Additional Milestones for Shipment: Schedules for shipping additional batches of mixed waste to the TSCA Incinerator or a commercial mixed waste incineration facility will be provided by December 31, 2001†. **(COMPLETED)**

Schedule for Completing Shipment: Shipment of Batch 12 to the TSCA Incinerator or a commercial mixed waste incineration facility will be completed by October 31, 2002 †. **(COMPLETED)**

Schedule for Completing Shipment: Shipment of Batch 13 to the TSCA Incinerator or a commercial mixed waste incineration facility will be completed by September 30, 2003 †.

† Denotes milestone dates

3.1.8 Waste Streams for Which Technology Exists - Organic Treatment Project

The Organic Treatment Project involves the off-site shipment of mixed wastes containing primarily organic constituents and debris to a commercial facility for treatment under the DOE Broad-Spectrum contract or an alternate off-site mixed waste treatment contract. Free liquids may be decanted from these containers for treatment on-site through AWWT or inclusion in a TSCA Incinerator batch prior to shipment.

Schedule for Entering into Contract: March 31, 1999†(COMPLETED)

Schedule for Initiating Preparation of Wastes for Transport: September 15, 1999†
(COMPLETED)

Schedule for Completing Shipment for Off-Site Treatment of Mixed Wastes Identified in the Most Recent Version of the STP Annual Update: September 30, 2004†

† Denotes milestone dates

3.1.9 Waste Streams for Which Technology Exists - Inorganic Treatment Project

The Inorganic Treatment Project involves the shipment of mixed waste containing primarily inorganic constituents and debris off-site to a commercial facility for treatment. Free liquids may be decanted from these containers for treatment on-site through AWWT prior to shipment.

Schedule for Entering into Contract: March 31, 2001† (COMPLETED)

Schedule for Initiating Preparation of Wastes for Transport: October 1, 2001†(COMPLETED)

Schedule for Completing Shipment for Off-Site Treatment of Mixed Wastes Identified in the Most Recent Version of the Annual STP Update: September 20, 2002† (COMPLETED)

Schedule for Completing Shipment for Off-site Treatment of Mixed Wastes Identified in the Most Recent Version of the STP Update : Mixed waste will be shipped off-site for treatment within nine months following submittal of the STP Annual Update (by September 30th)†

† Denotes milestone dates

3.1.10 Waste Streams for Which Technology Exists - Uranium Waste Disposition (UWD) Materials and T-Hopper Wastes

The FEMP has identified mixed waste which is primarily included in a population of uranium materials declared waste in December 1998. A portion of these materials are enriched (contain > 1% U235) and may require blending to reduce uranium content prior to processing. In addition, the FEMP has identified approximately 270 kilograms of mixed waste containing transuranic constituents above 100 nCi/g and 170 kilograms of mixed low-level waste formerly stored in two T-hopper containers. Options being evaluated for these project waste streams include on-site treatment of a portion of these wastes through AWWT and securing a contract with an off-site treatment facility. Also being considered is the possibility of coordinating with another site's disposition path for the 270 kilograms of mixed waste containing transuranic constituents.

Schedule for Entering into Contract: The contract for implementation of this preferred option will be entered into by June 30, 2003†.

Schedule for Providing Additional Milestones for Treatment: Additional milestones for treating the UWD inventory and the T-Hopper Wastes will be provided by December 31, 2003†.

† Denotes milestone dates

3.1.11 Waste Streams for Which Technology Exists - Thorium Legacy Mixed Waste Stabilization Project

The Thorium Legacy Mixed Waste Stabilization Project involves treatment of the thorium legacy mixed waste inventory. These wastes will be decanted as need, prepared and packaged as required for shipment to the selected off-site vendor for treatment and disposal.

Schedule for Entering into Contract: The contract for implementation of this preferred option will be entered into by September 30, 2002 †(COMPLETED)

Schedule for Providing Additional Milestones for Treatment: Additional milestones for treating the thorium legacy mixed waste inventory will be provided by September 30, 2002 †(COMPLETED)

Schedule for Initiating Preparation of Wastes for Transport: Thorium legacy mixed waste onsite processing and packaging will begin by June 30, 2003†.

Schedule for Completing Shipments for Off-Site Treatment of the Thorium Legacy Waste Identified in the Most Recent Version of the Annual STP Update: December 5, 2003†.

† Denotes milestone dates

3.2 Mixed Waste Streams for which Technology Exists But Needs Adaptation or for which No Technology Exists

The FEMP has not identified any mixed waste streams for which significant adaptation and technology development is required for treatment. After final characterization, which will occur as a part of the project management process, certain variances may be requested. Specifically, there may be some constituents for which the LDR treatment standard is incineration. The FEMP may request a variance to allow chemical destruction or stabilization. Also, certain debris may require a technology which is not practical, therefore, a variance may be requested for these wastes.

3.3 Mixed Waste Streams Requiring Further Characterization or for which Technology Assessment Has Not Been Done

All FEMP mixed low level waste streams identified in the STP have a Preferred Option for treatment.

4.0 This section intentionally left blank.

5.0 This section intentionally left blank.